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Vol. CX.



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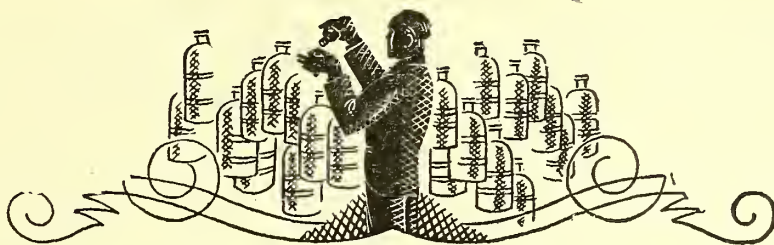
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**eastern foam
vanishing cream**



**this
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book
of
beauty
hints
free!**



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AND FREE BOOKLETS

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THE BRITISH DRUG HOUSES LTD

GRAHAM STREET • CITY ROAD • LONDON • N.1

£1 of ROBOLEINE

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Take advantage of this special offer now, in time for the steadily increasing Summer trade. The great advertising campaign has pushed Roboleine off the phar-

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Write now, send us a card, and get a free stock of the product that Doctors have recommended and the public have used increasingly for the past 22 years.

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CONCENTRATED NOURISHMENT
IN EVERY SPOONFUL

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FOR NEW-MIX
Window Displays

**SEND YOUR PHOTOGRAPH
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Many, however, have not sent us a photograph of their window show—an essential procedure if they are to participate in the Big Cash Prizes to be awarded, and we would urge them to send us this photograph **AT ONCE**. Do not delay.

The First Prize of £100 will be awarded to the chemist making the best Window Display, to be decided from a photograph of the window to be supplied by the chemist. The decision of the Directors of Gilmont Products, Limited, to be final. Size of window does not necessarily mean a better window. A small window arranged in a meritorious and attractive manner will stand an equal chance of winning a prize.

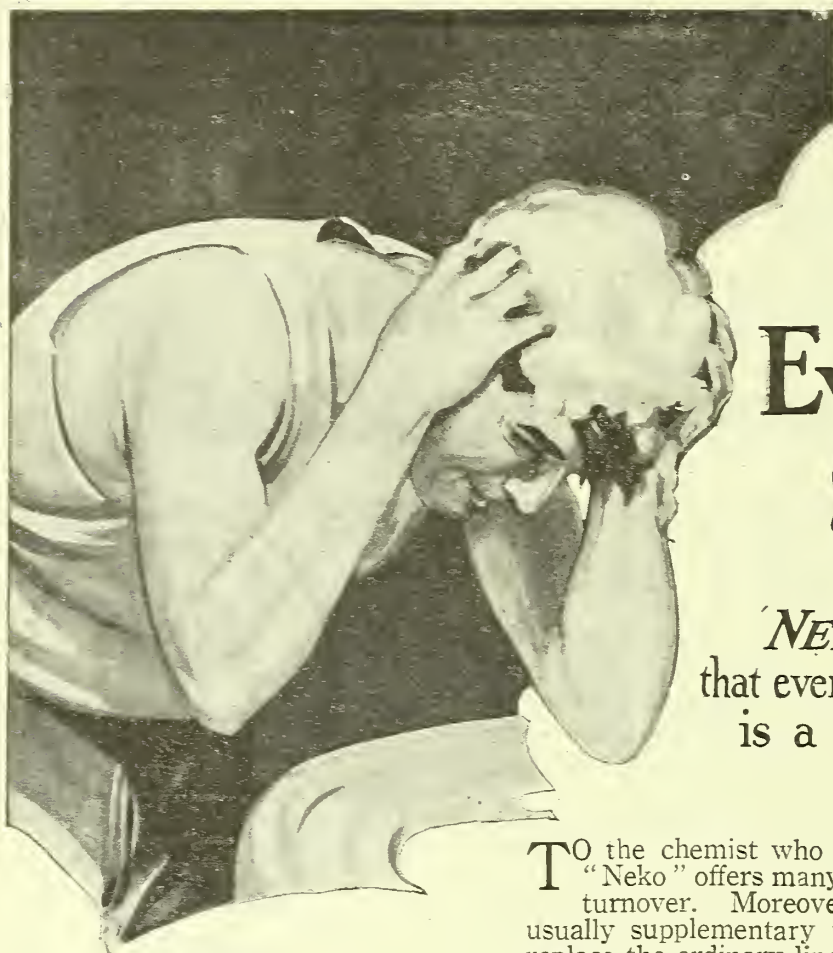
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The above illustration is taken from one of the "Neko" showcards.

Some Uses of "Neko."

- AS A DANDRUFF-PREVENTING SHAMPOO
- AS A PERSPIRATION DEODORANT
- AS A PARASITICIDE
- AS A SICK-ROOM DISINFECTANT SOAP
- AS AN ANTISEPTIC SKIN SOAP
- AS A FOOT SOAP
- AS A DOG SOAP, ETC.

M.R.P. 1/3 per tablet

M.W.P. 10/2 net per doz.

An Everyday Seller

'NEKO' has so many uses that every pharmacy customer is a potential buyer

TO the chemist who will take an interest in it, "Neko" offers many opportunities for increasing turnover. Moreover, the sale of "Neko" is usually supplementary to other sales—it does not replace the ordinary lines. For instance, a tablet of "Neko" is obviously the "companion" line to recommend as an ideal dandruff-preventing shampoo when a hair-lotion is sold; and in the same way—so varied are its uses—it can reasonably be brought to the attention of customers who buy sick-room requisites, skin ointments, foot powders, etc.

In addition to its wide appeal, there is good profit in "Neko"—especially when it is bought on the special terms offered. It has merit, too; the merit that secures repeat orders and brings the recommendation of buyers.

Finally, no one but a qualified chemist can sell "Neko."

These characteristics of "Neko" justify your interest. Have you seen our special terms? If not, drop a postcard to us to-night for them.

'NEKO'

(GERMICIDAL SOAP. P.D & Co.)

PARKE, DAVIS & CO., 50 BEAK STREET, LONDON, W.1

Maw's Page

Sun Goggles— for the Summer Season

During the last few years the sale of sun goggles has enormously increased. Not only motorists, but enthusiasts in many branches of sport and a large percentage of seaside holiday makers now use them. The pharmacist who fails to stock and display goggles is neglecting an important and profitable opportunity for business.

Maw's have made a point of supplying a range of goggles of reliable quality at competitive prices. Further, we supply an attractive display card which helps the pharmacist to keep goggles before his customers and to increase his sales.

B.7/21.	With feiuzal tinted lenses.	} Per Dozen
B.7/22.	„ amber „ „	
B.7/23.	„ smoke „ „	
		6/6

Special Discounts for quantities :—

3 dozen pairs	-	-	5%
6 „ „	-	-	7½%

Card cases for above, pull-off pattern, per dozen 1/9

S. Maw, Son & Sons, Ltd.,
Aldersgate St., London,
and Barnet.





Adeps Benzoatus
Adrenalin
Amylopsin
Beef Juice
Carminex
Calgut
Cerebrinin
Corpus Luteum
Diasase (Animal)
Digestive Ferments
Duodenin
Enzymes
Galactis
Hæmoglobin
Insulase
Lactated Pepsin
Lecithin
Liver
Lymphatic
Mammary
Mam-Ovarian
Meduphites
Multigland
Myelin
Orchitic
Ovarian
Ovarian Residue
Ovo-Testis
Ovo-Thyroid
Ox Gall
Pancreas
Pancreatín
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8.30 a.m. to 6 p.m. "Armosata-Cent," London.
 6 p.m. to 8.30 a.m. "Instruments Wesdo," London.
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May we have the pleasure of sending you one of our general price-lists and a range of up-to-date literature on **GLANOID** products?



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ARMOUR AND COMPANY
 LIMITED

ARMOUR HOUSE, St. MARTIN'S-LE-GRAND,
 LONDON, E.C.1.

TELEGRAMS: "ARMOSATA-CENT," LONDON.
 TELEPHONE: CENTRAL 6262.

MEDALS and AWARDS :

LONDON, 1881 CALCUTTA, 1884
 VIENNA, 1883 CHICAGO, 1893



TRADE MARKS

TELEPHONE : HOP 1831

Codes used : "A.B.C." 5th Edition,
 Lieber's, Bentley's.

Cables : "EKLIPS, LONDON."

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(Non-Alcoholic)

"Attractive to the eye,
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—*Chemist & Druggist*

Hollands Bitters

(excellents)

Abricot

Orange Bitters

(recommended)



"Likely to meet with a
 good demand."

No Wine Licence is
 required."

—*Chemist & Druggist*

Crème de Menthe

Kümmel

Cherry Brandy

Curaçao

Crème de Menthe
 20/- per doz.

PER 25/- DOZ.

Cherry Brandy
 20/- per doz.

Three dozen and upwards, Cases Free

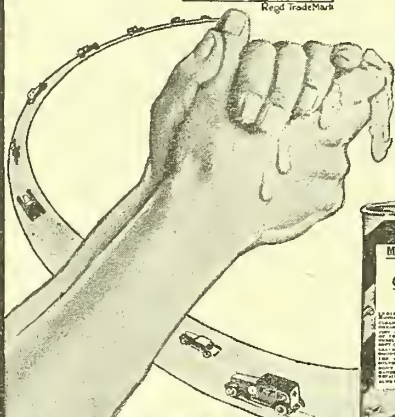
Also Excellent for COCKTAILS

THE "EKLIPS" COMPANY

(H. E. STEVENSON, F.C.S.)

122 GREAT SUFFOLK STREET, LONDON, S.E.1

MOTORIST'S HAND-CLEANER



FOR ROADSIDE USE

REQUIRES NO WATER

CHEMISTS' NEW LINE AND A Boon to all Motorists

All motorists know the discomfort of driving with oily and dirty hands after road-side repairs and will appreciate the convenience of the "Canda" Motorists' Hand-Cleaner. This requires no water and removes dirt and oil from the hands. It does not injure the most delicate skin but leaves the hands soft and smooth. The odour of the Hand-Cleaner is that of a refreshingly perfumed soap.

WHOLESALE PRICES

1 dozen tins	.. .. .	8/-
3 " "	.. .. .	per dozen 7/9
12 " "	.. .. .	per dozen, carriage paid 7/6

Good showcards. Sample dozen post free 8/6.
Each screw capped oval tin contains approximately 7 ozs.

N.B.—This cleaner

REQUIRES NO WATER

Just lather and wipe off.

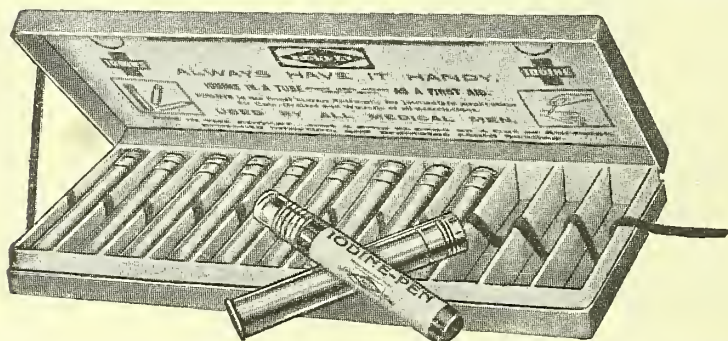
ANOTHER UNIQUE LINE.

THE "CANDA" IODINE PEN

In a nickel-plated tube for the pocket.

Nothing so neat.

Always handy.



GUARANTEED to contain B.P. TINCTURE OF IODINE.

**RETAILS AT 1/-
PROTECTED.**

12 tubes in attractive display counter box.

1 doz. tubes 8/-

6 doz. tubes 7/- post free.

3 doz. tubes 7/6 post free. 12 doz. tubes 6/6 post free.

Send for free Sample to:

CLAY & ABRAHAM, LTD., Manufacturing Chemists, **LIVERPOOL**

Distributing Agents—Messrs. Edwards Bros., Vale Road, London, N.4; Messrs. Brook Parker & Co., Ltd., Bradford.

Sole Export Agents—Wm. Alfred Jones, Limited, West India House, Liverpool. Also through your usual Wholesaler.

Distributing Agents for Scotland wanted for the above lines.

Your Skill——deserves a good bottle (the Ayrton Oval)



**AYRTON,
SAUNDERS
& CO., LTD.,
LIVERPOOL, Eng.**

- 1 White flint glass—clear as crystal
- 2 Machine made—every bottle of a size, the twin of the other
- 3 Standard corkage—one cork fits every bottle of the batch
- 4 Perfect pour-out—no drips. The label never gets soiled whilst in use
- 5 Reinforced shoulders—and tapered off. Overcomes the weakest point in a bottle
- 6 Universal label space—on which *any* label of *any* size or shape looks well-balanced
- 7 Accurate and standardised capacity
- 8 Equalised annealing—strong in every part
- 9 Scientific glass distribution—reinforced lip, shoulder and base
- 10 Firm base—stands as steady as a rock

Size	Per Gross	In Original Crates	C'tnts of Origin'l Crates	Size	Per Gross	In Original Crates	C'tnts of Origin'l Crates
1 oz	16/6	14/3	10	8 oz	27/0	24/0	3
2 „	18/3	16/0	6	10 „	33/0	28/6	3
3 „	19/6	18/6	6	12 „	38/0	32/6	2½
4 „	22/9	20/6	6	16 „	43/0	36/0	1½
6 „	25/0	22/0	3	20 „	48/0	40/0	1½

ORIGINAL CRATES sent carriage paid to any station in England, Scotland, Wales or the Isle of Man :: Irish orders free on board ship, Liverpool! :: No charge for crates :: Special packings for Export—quotations on request.

HAVE YOU TRIED WHITAKER'S "BIG BUSINESS" PRESCRIPTION?



The best tonic that any business can have is the best stock procurable. The public are quick to recognise value and their patronage is then constant. And what better Dyes than Whitaker's "Luton" Straw Hat Dyes and "Auroral" Cold Water Dyes? They represent the British Dye Industry at its best and are also the most profitable you can stock.

Whitakers are keenly alive to Chemists' requirements, and by their widespread publicity—their generous terms and discounts—their Free Counter Cabinet Gifts—their popular business-creating Competitions, they make it more than worth your while to sell their purely British products.

Have you had your Free Copy of their 1929 Trade Booklet? Have you had their Free Competition Display Box? If not, send a post card and receive them by return.

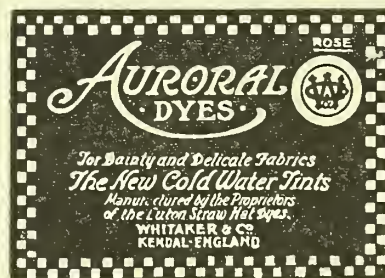
And your stock of Dyes, too. Be ready for the rush—for the dyeing season is now well on.

Whitaker's Dyes make a good business prescription. They bring the public inside and you gain all round.

OUR CHILDREN'S PAINTING COMPETITION IS NOW IN FULL SWING.



SEND P.C. TO-DAY FOR
FREE DISPLAY BOX OF 200 PAINTING CARDS.



Our 1929 Children's Painting Competition will beat all records. Weekly Prizes for the Children and substantial extra profits for the Chemist. Each winner from your Pharmacy gives you 12 free "Auroral" packets. This is in addition to the extra sales the Competition promotes. So send now for the Free Competition Display Box and its 200 Entry Forms. Before these are gone—send for more—because every day, following our extensive advertising, the competition will become more widely known.

Note, too, that entries can be made with either empty "Luton" Straw Hat Dye Cartons—or empty "Auroral" Cold Water Dye Packets.

WHITAKER & CO. Dye Specialists for Chemists, KENDAL

Telegrams: "Dullette, Kendal."

Established 1878.

Telephone: 214.

London Office and Showrooms: 179/185 GREAT PORTLAND STREET, W.1

Telephone: Welbeck 3715.



Spring Time—Sulphur Time

Here is Sulphur at its Best

THE right season, an excellent product, a good sales-making display—the combination is irresistible! Now is the time to put in a window-show of these Sulphur and Lime Fruit Lozenges. Hand-made, delightfully smooth to the taste and medicinally effective, these Lozenges can be confidently recommended. With orders for 28 lbs. we supply 250 cartons, window display and show jar. Price 1/4 lb.

A good seasonable display will always pay.



THOMAS KERFOOT & CO LTD
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
 ESTABLISHED 1797.

D/79

COPYRIGHT

TOOGOOD'S CONCENTRATED LIQUID SHAMPOOS



Packed in 2 oz. bottles.

No. 4926. Assorted Camomile, Henna,
Medicated Pine Tar, Pine, Olive Oil,
Cocoa Nut Oil and Lavender

3/9 doz.

42/= gross.

*Customers' Name free on labels for
orders of one gross.*

MANUFACTURED BY

WILLIAM TOOGOOD

LIMITED,

**77 SOUTHWARK STREET
LONDON, S.E.1**

... for ... DAWSON'S DENTIFRICE

Usual & Large Size

FREERS PEROXIDE & MAGNESIA DENTAL CREAM

A Tooth Paste of Distinction..

FREERS LYSOL & OTHER *Shaving Sticks*

In Decorated Tins

Solid & Liquid BRILLIANTINE

In Several Sizes.

SHAMPOO & TOOTH POWDERS Of Superior Quality

Solid Brilliantine in Decorated Tins, and
in 2½ oz. Octagon Jars with Gilt Caps
and Wads and two embossed labels; also
Hair Cream, Dry Shampoo, Toilet Paraffin,
Honey and Flower Brilliantine, Rouge and
Compact Powders, Lysol Soap in Tablets,
Foot Paste, Ointments, Cold Cream, &c.,
&c. Best quality Razor Blades at low
prices, Vanishing Cream, Petroleum Jelly,
Lysol Solution, &c., &c.,

COLONIAL BUYING AGENTS & REPRESENTATIVES
EVERYWHERE WANTED. SPECIAL QUOTATIONS for
SHIPPERS, WHOLESALERS & LARGE BUYERS.

(RETAILERS please order through your usual Wholesaler.)

Freers Manufacturing Co., Ltd
6/7 Norton Folgate, Bishopsgate, London,
ENGLAND.

*Phone—Bishopsgate 2209. Telegrams—"Dentifreer Ave London" (2 words).
Cables—"Dentifreer London."

Myosotis

Myosotis

Distinguished Perfumery



7 Hanover Square,
London, W.1

Myosotis

Myosotis

Myosotis

The Shop Assistant which works all Hours!



PROVIDES

THE

GREATEST

POSSIBLE

SAFEGUARD

AGAINST

THE

ACCEPTANCE

OF

SPURIOUS

COINS

YOUR

CUSTOMERS

WILL

WELCOME

THE

SERVICE

YOU

WILL

WELCOME

THE

SALES

The user of the above machine is pleased with his results, and his customers enjoy a continuous supply of necessities.

When you think of the convenience to your own regular customers, and the advertising value it possesses in attracting new customers, surely the B.A.V. is worth your earnest consideration.

BE WISE AND INSTAL A
B.A.V. VENDING MACHINE AT ONCE

BRITISH AUTOMATIC VENDORS LTD.

60, HOLBORN
VIADUCT.

*Test
them
against*



LONDON,
E.C.1.

*all
others!*

June

DISPLAY MATERIAL

SELLS THE GOODS

EXTRACT FROM CUSTOMER'S LETTER : 10/4/29

" May I congratulate you on the new **June** display material received with my recent order? It not only makes an artistic and attractive window—but most important of all—IT SELLS THE GOODS."

IT PAYS TO SHOW

Saville's
June

Perfumery Series



This artistic cut-out centre-piece sent with all orders value £2 and over.
 Best terms show you 66% **PROFIT** on cost. Write direct to—

SAVILLE PERFUMERY LTD.

WATFORD, HERTS.



PRICE
5/6
per dozen
in Display
boxes of
2 dozen.

BUY
BRITISH
GOODS.

The New & Better Face Cloth

THE Mermaid FACE CLOTHS

(Made in England)

They are superior to knitted cloths—
retain their shape and wear better.
They are not sold in the cheap stores—
an important point.
They are essentially the chemists' line—
something good and reliable.
REMEMBER:—Better goods bring
better profits.

Obtainable through leading Wholesale Houses.

SPENCER BROS., Manufacturers of Face Cloths,
Washing Gloves, Powder Puffs, etc. 39 & 40 SHOE LANE, LONDON, E.C.4
Telephone: Central 3469. Telegrams: "Sachapuff, Lud, London."

A
HOUSEHOLD
NECESSITY

AEROFUME

SEE TO
YOUR
STOCKS.

In Bottles
2/3 : 3/6 : 6/3
Also complete with
Spray (as illus.)
5/6
Subject to 33 1/3%

Carriage paid on or-
ders of 1 dozen to any
part of U.K.

Showcases supplied.

Obtainable from all
usual wholesalers or
from:

WALDEN, WALDEN & CO.
15 Grape St., New Oxford St., W.C.



GREY HAIRS

← appear just here.

TOUCH THEM UP WITH

TATCHO-TONE

and they will instantly recover their
natural shade. Medical Guaranty with
each bottle. Chemists' Prices 2/6 and 4/8

TATCHO-TONE CO., 5 Great Queen Street, London, W.C.2

Triat Phila.
8^d
Post Free

PERM BROW
The Waterproof Liquid

Every bottle
gives you **1/3**
PROFIT

and repeats always
follow - - -

Perm Brow, the new
perfectly harmless
liquid eyebrow beauti-
fier blackens eyebrows
and lashes to an allur-
ing darkness and being
waterproof it stays on.
Its unique qualities
have influenced recom-
mendation and repeat
orders from almost
every user. Get a stock
to-day, and give it a
display—profits will
come easily.

Obtainable from all
Wholesale Houses or
direct from—

MIRUS LTD.,
West End Sales
Office:
53a Maddox St.,
W.1



Wholesale

18/-
per doz.

Retail

2/9
per bottle.

*Everybody
Likes*

Cussons'
WHITE CROSS
BABY POWDER

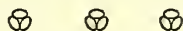
MOTHERS like White Cross Baby Powder because it is the smoothest and purest made.

BABIES like White Cross Baby Powder because it soothes and refreshes their tender skins.

FATHERS like White Cross Baby Powder because contented babies make happy mothers—and because they have found that it makes a jolly good dusting powder for use after shaving.

PATRIOTS like White Cross Baby Powder because it is British made with British capital and keeps their money in the country.

CHEMISTS like White Cross Baby Powder because a 40% profit on a quick-selling, satisfaction-bringing speciality is not to be sneezed at.



*If you have not yet tried Cussons'
White Cross Baby Powder, write
for a free 10½d. tin and form
your own opinion.*

Cussons
KERSAL VALE, MANCHESTER

MERCOLIZED WAX

— : for the Complexion : —

and

STALLAX

— : a Shampoo : —

TWO substantial and well-advertised lines which show a handsome profit to the Retailer, and, moreover, may be stocked fearlessly owing to the Manufacturers' most liberal Sale or Return Guarantee.

Both are obtainable in two sizes, and their reputation and sterling value assure a steady turnover.

Order through your Wholesaler, or direct from:

DEARBORN (1923) LIMITED

37 GRAY'S INN ROAD,

LONDON, W.C.1.

Telephone

HOLBORN 9669



BEETHAM'S

"Larola"

THE IDEAL TOILET MILK
FOR
SOFTENING AND BEAUTIFYING
THE SKIN AND COMPLEXION
Delightful at all Seasons

M. BEETHAM & SON, CHELTENHAM, ENGLAND

**SPECIAL
DISPLAY
TERMS
ON
REQUEST
FOR
MIXED
PARCELS.**

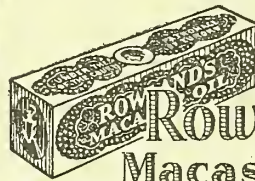
Chemists
are invited
to write
for this
attractive
new colour
Showcard
14 x 10

M. BEETHAM & SON, Dept. C.D.
CHELTENHAM.

For 136 years

Rowland's Macassar Oil has been a favourite dressing for the hair. It keeps the hair healthy, and prevents the encroachment of greyness and baldness.

Of all Wholesalers.



RETAIL
3/6, 7/- & 10/6
P.A.T.A.

**Rowland's
Macassar Oil**

Red for
dark hair
Golden
for fair or
grey hair

A. ROWLAND & SONS, Ltd., 112 Guilford St., London, W.C.1

**IT PAYS TO DISPLAY
MASQUE ROUGE**
Perfumes & Face Powders

PARFUMS MARCEL GUERLAIN, LTD.

Regent Arcade House,
252-260 REGENT STREET, LONDON, W.1



FACE POWDERS

A self-selling DISPLAY CABINET—as illustrated—supplied with orders of a gross - 32/5 nett.

In Perfumes
Cappi — Fausta — Offrande—
Joli Soir.



Floral TOILET SOAP

in Lilac, Violet, Lavender,
etc.

4/10 per DISPLAY BOX of
1 doz.

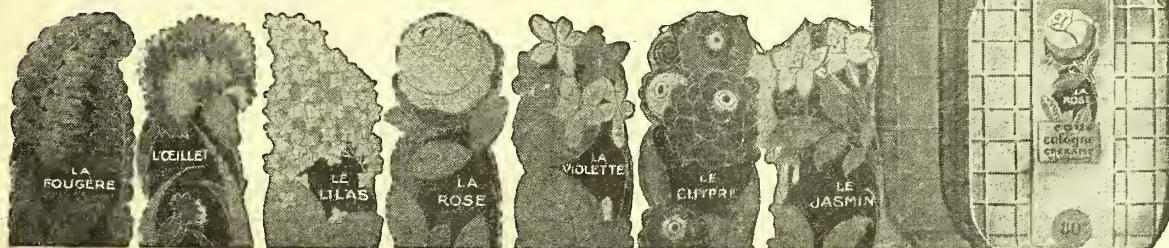
Floral EAU DE COLOGNE

in Lilac, Jasmin, Honeysuckle—and 9 other floral odours.
Ideal as a light perfume, for friction, for headaches.

In bottles, to retail at 2/6, 4/9, 9/- etc.

Write for Price List

PARFUMERIES DE PARIS, Ltd., London, W.3



A still more POWERFUL ADVERTISING SCHEME

for
Taky
The **FRENCH**
PERFUMED DEPILATORY

is now appearing in the Daily Papers and Women's Magazines. Taky when put on the market last year made an instant appeal. There are thousands of women throughout the country who now use *only* this depilatory. The new advertising scheme, much more extensive than in 1928, will persuade *hundreds of thousands* of women to purchase Taky. Be prepared for this new trade. Stock and display Taky. Recommend it with confidence. Every tube is sold under a money-back guarantee.

Retail Price 1/6

ADVANTAGEOUS OFFER

ORDERS FOR 2 DOZEN
RECEIVE 13 to the DOZEN

Taky shows you 33 $\frac{1}{3}$ % nett
without taking into account the bonus

Send your order to-day!

PENNEY & Co., Ltd.
179-185 Gt. Portland Street,
London, W.1

Telephone - - - Welbeck 3715

A NEW PACKING FOR CALVERT'S Carbolic Toilet Soap



ONE DOZEN 6d. TABLETS IN
NEAT COUNTER DISPLAY BOX

List price 4/5 per box.

As the usual 3-tablet boxes (list price 13/6 per dozen boxes) will still be available, customers are requested to certify in their orders which form of packing they desire.

F. C. CALVERT & CO., Ltd., MANCHESTER

SEND FOR TESTING SAMPLE NOW! IT'S FREE



Sheffield
Steel
AMO BLADES

Retail 1/6 doz.
(24 SHAVING EDGES)

Showcards Supplied

OBTAINABLE THROUGH YOUR USUAL WHOLESALE
ORDER NOW 8/- per gross ORDER NOW
or write direct to the Authorised Sole Distributor,
L. FRANKENBERG, 125 Houndsditch, London, E.1

*Phone: Avenue 8845.

*Grams: "Uzecarnos, Ald, London."

Offer this

When customers ask for a colour-restorer for grey hair, or a tonic to stop falling or to promote growth, offer

MORGAN'S POMADE

You may do so in full confidence that it will perform what it promises. 35 years' reputation, a world-wide trade, and thousands of testimonials support its claims to genuine merit.

Retail 1/9 and 3/3 per pot.

Wholesale 14/- and 26/- per doz.

THE MARIE ANTOINETTE CO. 149 JUNCTION ROAD, LONDON, N.19



De Luxe

ART. SILK Bandages & Binders

WASHABLE and DOUBLE STRETCH

Made of High-Class Artificial Silk, Wool and Cotton

SORT UP YOUR STOCKS FOR THE COMING SEASON.

Crêpsyl

(WOVEN CRÊPE)

Dainty and ideal for understocking wear.

AND

Both materials in
cream and flesh and
at same prices.

Silwick

(WOVEN STOCKINETTE)

Ideal and essential for varicose veins.

BANDAGE widths from 2 inch to 4 inch. Prices from 2/- to 4/- each

BINDER widths from 4 inch to 15 inch. Prices 4/- to 15/- each

(All binders reinforced to prevent sagging)

ENQUIRIES AND SAMPLE CUTTINGS FROM THE MAKERS

H. W. LAKE Ltd., 6 & 7 C.D. Redcross St., London, E.C.1

SUPPLIES FROM USUAL WHOLESALERS

Established 1795.

LAUTIER FILS

Works: GRASSE (France) & BEYRUT (Syria).

Essential Oils and Synthetics.
All Raw Materials for Perfumery.

Olive, Peach Kernel, Sweet Almond Oils
Floral Waters.

Sole Agents for:—

PAOLO VILARDI *Messina Oils:*
Lemon, Bergamote, Sweet Orange, etc.

S.A. FLORFE *Spanish Oils:*
Spike Lavender, Rosemary, Thyme,
Pennyroyal, etc.

C. MINTCHEFF & KETCHEDJIEFF
Otto of Rose. Bulgarian.

Wholesale and Export only.

LAUTIER FILS, Ltd., 4 Denman St., London Bldg., S.E.1
Tel. Add: "Lautiert, Phone. London." Telephone: Waterloo 1601/2

PHOTO SUNDRIES

FILMS, PLATES & PAPERS

ARE *YOU* TAKING ADVANTAGE OF
THE FACT THAT EASTER FELL VERY
EARLY THIS YEAR AND THAT
MOST AMATEURS HAVE ALREADY
"UNEARTHED" THEIR CAMERAS?

LOOK OVER YOUR STOCKS AND
SEND YOUR ORDER FOR ALL PHOTO-
GRAPHIC SUNDRIES NOW!

TO

"NEWBERYS"
(F. NEWBERRY & SONS LTD)

CHARTERHOUSE SQUARE

CARDIFF **LONDON, E.C.1** LIVERPOOL
18 Crichton Place 22 College Lane

Chemists'

Fancy Goods



BRIDGEN & GRIFFIN

25 BARTLETT'S BUILDINGS
HOLBORN CIRCUS
LONDON, E.C.

CHEMISTS all over the country are realising the profitable nature of quick selling novelties in Fancy Goods appertaining to the toilet side of their business.

We, who have consistently applied the principle of Specialisation in Perfume Sprays in our well-known series of "BG Sprays," have carried this principle right into Toilet Fancy Goods, and a superb series of attractive novelties for the coming summer and seaside trade are now on view at our showrooms.

Although these are not yet illustrated we shall be pleased to forward full particulars to all inquiries.

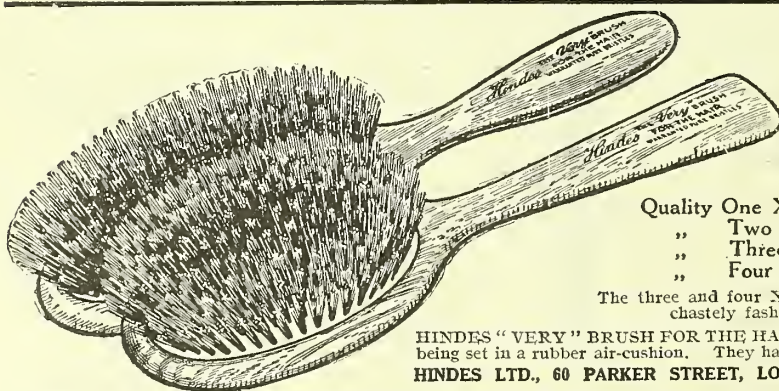
Sunshine Remedies

INCLUDING THE NOW FAMOUS

ANTI-ACID TABLETS, "TOXINICON" for Rheumatic diseases
GOLDEN-RAY SHAVING SOAP The only Soap with antiseptic Vaseline centre
SOLEIL D'OR PERFUME & TOILET PREPARATIONS

London Chemists are invited to send their "Sun Ray" patients to our private rooms. Trained Staff in attendance
ASK FOR DETAILS.

Write for Descriptive Catalogue,
Sunshine Remedies, Ltd.
8 West Halkin Street, S.W.1
Telephone: Sloan 4133.



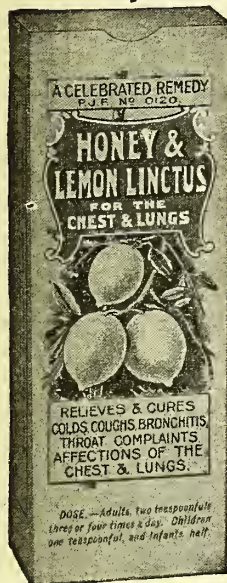
HINDES "VERY" HAIR BRUSH

Quality	One X	Sold at	7/6d. each.	TRADE
"	Two XX	"	10/6d.	PRICE
"	Three XXX	"	15/-	"
"	Four XXXX	"	18/6d.	33 1/2%

The three and four XXXX grade is made in Ebony or Rosewood, chastely fashioned in both oval and circular bodies.

HINDES "VERY" BRUSH FOR THE HAIR is guaranteed pure bristles, the multiple tufts being set in a rubber air-cushion. They have been known to the trade for nearly 40 years.
HINDES LTD., 60 PARKER STREET, LONDON, W.C.2. :: Works: BIRMINGHAM.

LORIMER-MARSHALL, Ltd. *for* PACKED GOODS



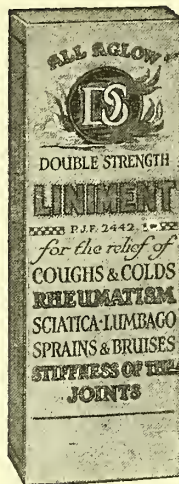
HONEY AND LEMON LINCTUS

The celebrated Cough
Remedy. A very attrac-
tive and palatable com-
bination.

MEAT AND MALT WINE

INVALID PORT

QUININE WINE AND CORDIAL



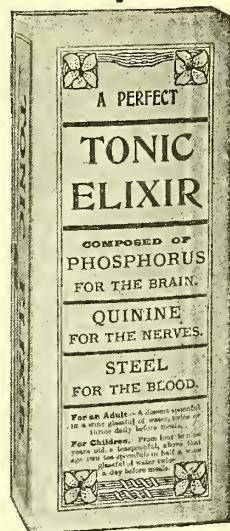
TONIC ELIXIR

A palatable preparation
of Quinine Phosphate
and Iron.

Double Strength LINIMENT "ALL AGLOW"

Oils of Camphor and
Amber, with Capsici and
other Rubrifacients.

Nicely Cartoned 3 oz.
Mexicans.



AT KEENLY COMPETITIVE PRICES
LORIMER-MARSHALL, LTD. 12 Tower Hill, LONDON, E.C.3

Works Telephone: NEW X 2119.

Telegrams: "LORIMARSCO, BILGATE, LONDON."

The original combined Cream and Powder

la VELOURTY

de DIXOR Paris

The advertised line that you are asked for.

NOW ON P.A.T.A.

Samples free upon receipt of trade card or billhead.

PRICES:—Full size pot	- 21/- doz.	RETAIL 2/9
Super tube	- 22/- "	" 3/-
Large tube	- 14/- "	" 2/-
Medium tube	7/- "	" 1/-
Handbag tube	3/- "	" 6d.

Made in four shades:

WHITE, IVORY, NATURAL and OCHRE.

Obtainable from your regular Wholesaler or direct from the
Sole British Agents:

DEBACQ & HARROP, 68 Newman St., Oxford St., London, W.1



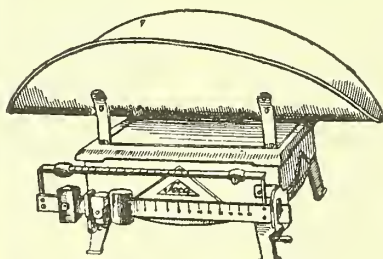
WHY NOT OWN A WEIGHER AND LET IT BUY ITSELF?

Special Exhibition Offer

FROM NOW UNTIL THE CLOSE OF THE CHEMISTS' EXHIBITION ON MAY 31 WE ARE OFFERING 500 OF THESE ATTRACTIVE SMALL WEIGHERS AT THE

Special Reduced Price of £12
(USUAL PRICE £17)

We are exhibiting at the Chemists' Exhibition, May 27-31, and invite you to visit Stand 155, where a full range of all types of indoor and outdoor weighers suitable for the Chemist will be shown.



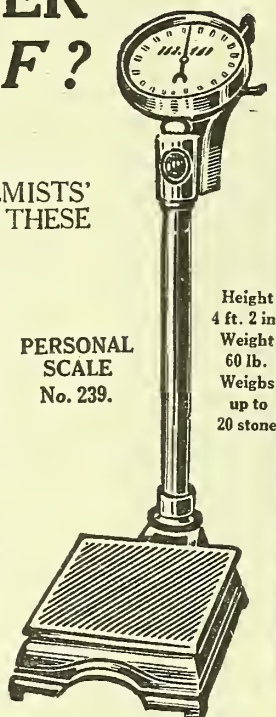
BABY SCALE No. 169B.
Cash Price £3.

THE PENNIES PAY AS THE CUSTOMERS WEIGH

For further particulars write, call, or 'phone to our City Showrooms:

SHEFRAS NOVELTY CO.,
Fetter House, 54/5 Fetter Lane,
LONDON E.C.4

'Phone: City 0329.



PERSONAL
SCALE
No. 239.

Height
4 ft. 2 in.
Weight
60 lb.
Weighs
up to
20 stone



A
**KEEN
BLADE
AT A
KEEN
PRICE**

The Blade that SELLS as it SHAVES—
"LIKE GREASED LIGHTNING!"

Obtainable from all Leading Wholesalers.
Inquiries from Genuine Wholesalers only are invited.

Dept. C.D. "Wanie" Distributors:
c/o ROEBUCK'S ADVERTISING SERVICE
Salisbury Square House, Salisbury Sq., Fleet St., London, E.C.4

NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

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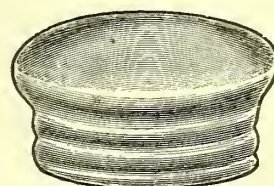
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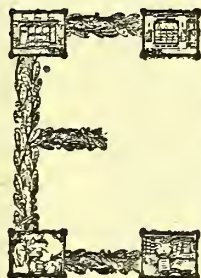
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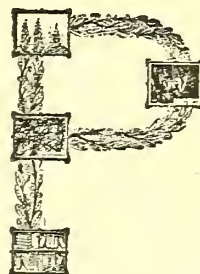
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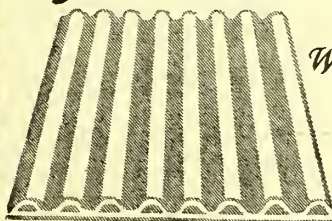
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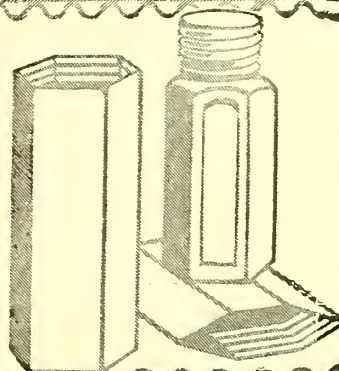


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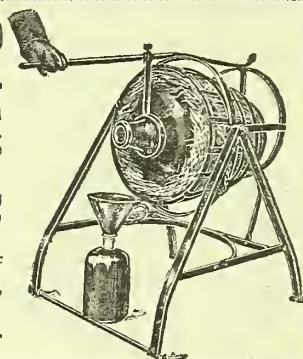
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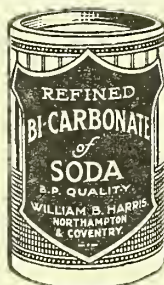
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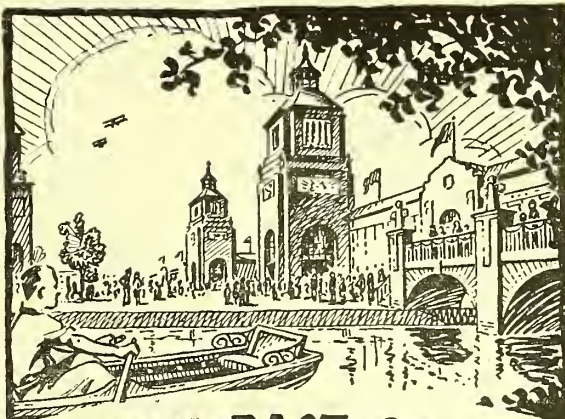
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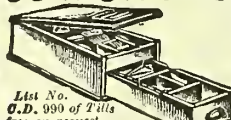
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Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Wednesday, April 24

British Science Guild, Mansion House, London, E.C.2, at 4.30 p.m. Addresses on "Fertilisers from the Air," by Sir Frederick Keeble; "Rayon (Artificial Silk)," by Mr. A. B. Shearer; "Synthetic Drugs," by Mr. Francis H. Carr. Tickets on application to the British Science Guild, 6 John Street, Adelphi, W.C.2.

National Association of Women Pharmacists, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Annual meeting.

Pharmaceutical Society of Great Britain, Liverpool Branch, Reece's Café, Elliott Street, at 7.30 p.m. Ladies' whist drive in aid of Benevolent Fund.

Thursday, April 25

London Chemists' Golfing Society, West Essex Golf Club. (Trains from Liverpool Street to Chingford.)

Pharmaceutical Society of Great Britain, Liverpool Branch, Royal Institution, Colquitt Street, at 8 p.m. Annual meeting.

English and Welsh News

The Editor will be obliged if subscribers will send him marked copies of newspapers containing items of interest for insertion in this or other news sections.

Merchandise Marks Act, 1926

A draft of an Order in Council has been issued (Merchandise Marks (Imported Goods) No. 3 Order, 1929) dealing with rubber manufactures. It is indicated that:—

1. It shall not be lawful to sell or expose for sale in the United Kingdom any imported rubber manufactures of the descriptions specified in the first column of the schedule to this part of this Order unless they bear an indication of origin in the position specified in the second column of the said schedule.

2. The indication of origin shall be embossed, impressed, stamped, printed or stencilled.

3. Nothing in this part of this Order shall require a piece of hose or tubing, matting or flooring or rubber-proofed goods, or hospital sheeting sold from a coil or roll to bear an indication of origin if the coil or roll from which the goods are sold bears an indication of origin in manner required by this part of this Order.

4. Goods to which this part of this Order applies shall bear the indication of origin therein provided on exposure for sale wholesale only if the person so exposing the goods is not a wholesale dealer.

5. Nothing in this Order shall require any goods to which this part applies to bear an indication of origin at the time of importation.

6. This part of this Order shall come into force at the expiration of three months from the date hereof.

SCHEDULE

Descriptions of Rubber Manufactures	Position of the Mark
Gloves.	On one of each pair of gloves.
Rubber-proofed piece goods, including hospital sheeting.	On a label securely attached or affixed to the exposed surface of the roll.
Goods of the following descriptions consisting wholly or mainly of rubber:—	
Valves (not including washers, bottle rings, corl rings, fruit-jar rings and Phoenix rings).	(a) On the valve; or (b) on the box or other container; or (c) on a label securely attached to the goods.
Hot-water bottles, pillows, beds and cushions; air beds and cushions; anklets; leggings; aprons for surgical and dental work; breast relievers and shields; crutch shoes; chin straps and throat straps; douches; dental gas bags; douching sheets; finger stalls; enemas; face masks; ice bags; obesity garments; pessaries; syringes; sponge bags; urinals; whirling sprays.	(a) On the article itself; or (b) on a label securely affixed or attached to the article; or (c) where it is customary to sell the article or expose it for sale in a case or other container or fixed on a card, on the case, container or card.
Sponge	On the box or other container or on a label, securely attached or affixed to the sponge.

Higher Prices for Corks

Owing to the serious state of affairs in the cork trade, and particularly in the United Kingdom, an Association of the Cork Trade has been formed to study the question and to safeguard the interests of all concerned. In a circular issued by the Association, whose address is 59 Lant Street, Borough, S.E.1, it is indicated that users of corks will have to pay higher prices or be satisfied with lower qualities than hitherto supplied at existing prices. It appears that during the last few years there has been an enormous increase in the world's demand for cork for insulation, and growers find that they can sell their lower grade cork for this purpose at prices which show a better return than were they to manufacture corks from the material. On the Continent the position has been better realised, and users have for some time past been paying increased prices for corks. The effect of this has been to materially shorten available supplies in this country and to stiffen prices.

Liverpool

A well-known city chemist has been invited to stand as a candidate at the general election, but has had to decline owing to the constituency being too far away.

The Liverpool Pharmacy Club, tennis section, commences the season on May 5, and the tennis committee will be pleased to entertain any prospective member on that day. Tea will be provided. Particulars are obtainable from Miss Ball, 156 Princes Road, Liverpool.

An instructive address on "Dispensing Items," a continuation of a series of notes from his prescription-book, was given recently by Mr. Harold Wyatt, Ph.C., to the members of the Liverpool Branch of the Pharmaceutical Society. An address on "Peroxidase Glycerophosphates" was given by Mr. J. Rae (Clay & Abrahams, Ltd.).

Mr. W. H. Saunders (chairman of Ayrton, Saunders & Co., Ltd.), writing to us from Pretoria, having visited Ceylon, Malay States, Sumatra, Java, Australia, New Zealand, states that he is spending two months in South Africa. He finds the *C. & D.* much in evidence and greatly appreciated, and in many cases it is the only link with the homeland.

Manchester

Mr. Edwin Walters, manager of Messrs. Potter and Clarke's Manchester branch, has recently undergone a serious operation. His many friends in drug-trade circles will be pleased to learn that he is progressing favourably, and will wish him a speedy recovery.

The next season of the Manchester and District Branch Tennis Club will open on April 28, at 2 p.m., with an American tournament at the Chomlea Courts, Claremont Road, Pendleton. Members wishing to enter for the Cupal cup and president's prize must send their names to the secretary, Mr. R. Maskell, 3 Howard Avenue, Gordon Road, Monton, Eccles, not later than May 5.

Miscellaneous

SUMMER TIME commences this year at 2 a.m. (Greenwich time) on Sunday, April 21.

POISON-LICENCE APPLICATIONS.—Applications for licences under Section 2 of the Poisons and Pharmacy Act, 1908, have been made to their respective local authorities by the following:—S. Catford & Sons, Minehead; Mr. P. M. Blades, Oxted, Surrey; Mr. Walter Joseph Towle, Bridge Street, Evesham.

FIRE.—An outbreak of fire occurred on April 3 at the premises of Mr. R. L. Davies, chemist and druggist, Brigstock Road, Thornton Heath, Croydon. The blaze originated in a storeroom on the first floor. The upper part of the premises was damaged, and the stock in the shop suffered considerably from water.

EXHIBITION AT BRADFORD.—The following firms had stands at an Ideal Homes Exhibition held at the Olympia Hall, Bradford, from April 2 to April 13:—W. C. Wiggins, Catford ("Duchess Violet" perfume); Wright, Layman & Umney, Ltd. (Wright's Coal Tar Soap); Kolynos, Inc. (dental cream, skin soap); A. Wander, Ltd. (Ovaltine); Jewsbury & Brown, Ltd. (lemon and orange squashes).

IN THE COURTS.—At Essex Quarter Sessions, on April 11, Frederick T. Balderstone was sentenced to six months' hard labour for converting to his own use the sum of £26 17s. 6d., belonging to Mr. Percival Rose, chemist and druggist, Tilbury, and for obtaining from Mr. Rose razor blades and other goods by false pretences.—At Alnwick, recently, the Co-operative Wholesale Society, Middleton Junction, were fined £5, with £1 costs, for having given a false warranty in respect of vinegar to the Amble Co-operative Society.

VISIT TO WORKS.—A party of forty-six members of the South-West London Chemists' Association was recently conducted round the Harrow works of Kodak, Ltd. The new coloured box Brownies were being turned out in enormous quantities, and each stage in the process of manufacture of these and other cameras was explained and demonstrated. The Ciné-Kodaks, their films, and all makes and surfaces of the popular sensitised papers were in course of preparation with their subsequent cutting and packing. The D. and P. service department was also in full swing, and this completed the tour. The directors entertained the party to tea.

Scottish News

Brevities

A correspondent tells us that strong efforts are being made by retail chemists to recapture the culinary essence trade, which was once in their hands.

The old system of wholesale houses giving allowances of 7½ per cent. discount on monthly accounts and 5 per cent. for quarterly payments is losing favour. Most houses now make their terms 2½ per cent. monthly or net quarterly.

Edinburgh

The many friends of Mr. Thomas Bayne, representative of T. & H. Smith, Ltd., will regret to hear he is in a nursing home in that city for an operation.

At the meeting of the Royal Scottish Society of Arts, held in Edinburgh on April 8, Mr. J. Rutherford Hill spoke on "The Fine Chemicals Industry in the Edinburgh District." Mr. Hill devoted most of his paper to chemicals used in medicine, and in an historical survey emphasised the point that morphine was first prepared in Britain on a commercial scale in Edinburgh in 1833. The preparation of anaesthetics was also dealt with. The address was illustrated by lantern slides lent by Professor Greenish, and by an extensive collection of fine chemicals lent by Duncan, Flockart & Co.; J. F. Macfarlane & Co.; and T. and H. Smith, Ltd.

Irish News

Dinner to Mr. R. R. Bennett

Mr. Reginald R. Bennett, B.Sc., F.I.C., chairman of the British Pharmaceutical Conference, paid a flying visit to Cork on April 12, when he was entertained to dinner by members of the Committee of the Cork Chemists' Association. Among those present were Mr. Eugene Mac Sweeney (chairman), Mr. John Blair (vice-chairman), Mr. V. Hood Nicholson (hon. sec.), Mr. P. J. Fielding, M.C.P.S.I., Mr. E. T. Elms and Mr. A. R. Lester. The chairman, in proposing the toast of "Our Distinguished Guest," expressed regret that the notice was too short to permit of them getting a more representative gathering to welcome him to Cork, but hoped that all would have an opportunity of meeting him and "our friends from the other side" at the Conference, which it was hoped would be supported by Cork. In replying, Mr. Bennett gave some interesting details regarding the origin and vicissitudes of the Conference, and expressed his satisfaction at the businesslike way in which the arrangements were being made for carrying it out. Mr. Bennett said he was specially struck by the way in which he was made to feel at home since the moment of his arrival in Cork.

Brevities

S. Connor & Sons, wholesale and retail chemists, Newry, have secured tenders for medical and surgical appliances for twenty-two unions in Northern Ireland.

Cork North Charitable Infirmary has accepted the tender of Messrs. Fielding, Patrick Street, Cork, for the supply of medicines, and that of Messrs. Lester for dispensing.

Belfast

At the annual meeting of the Belfast Merchants' and Manufacturers' Association, on April 10, Mr. T. W. McMullan, M.P. (Thomas McMullan & Co.), Mr. A. M. Gamble (Shaw & Jamison), Mr. George Wilson (Jordan, Wilson & Alexander), and Mr. Fred Storey (Fred Storey, Ltd.), were appointed on the general committee. Mr. Horace Haslett (J. and J. Haslett, Ltd.), was elected a vice-president.

At the closing meeting of the winter session of the C.P.A. Camera Club, Belfast, Professor James Small gave a talk on pictorial criticism, showing how to criticise photographs. The criticism should deal with (a) placing of the chief interest, (b) high lights, (c) tone and balance of masses, (d) leading lines, (e) subsidiary interests. The speaker illustrated his points with examples from his own work.

Inquests

At Cambridge, on April 16, an inquiry was held concerning the death of Mrs. E. W. Moss, the wife of a local chemist, who was found dead at their residence after an outbreak of fire. Medical evidence to the effect that Mrs. Moss was infirm was given, and an open verdict was returned. Mr. J. H. Leech, chemist and druggist, was foreman of the jury.

An inquest was held in South-East London, on April 16, on the body of Mr. Thomas Stableforth Irving, chemist and druggist, who was found dead at his residence in Balham. Mr. C. W. Peach, chemist and druggist, of Huddersfield, gave formal evidence of identification, and a verdict of "Death from natural causes" was recorded.

An inquest was held at Kensington, London, S.W., on April 11, on the body of Marian L. Anderson, a widow, who died from taking a fatal dose of veronal. Mr. Leslie W. Lester, chemist, Earl's Court Road, stated that he gave Mrs. Anderson, on a nursing home prescription, tablets containing veronal. The Coroner: What is the poisonous dose?—About 40 to 50 grains. A verdict of "Suicide while of unsound mind" was recorded.

At Wallasey, on April 15, an inquiry was held with regard to the death of Margaret Tedder, a widow, who died from taking in error embrocation containing methyl salicylate. It was stated that there was only one previous case of death from methyl salicylate. The house surgeon at the local hospital said that this drug in the liniment given to the woman was not on the scheduled list of poisons, but the dispenser had put two "Poison" labels on the bottle. The coroner recorded an open verdict. [The statistics issued by the Registrar-General for England and Wales show that in the years 1924-27 inclusive there were two accidental and five suicidal poisonings from methyl salicylate, and that in 1912-23 inclusive five accidental and one suicidal deaths were attributed to oil of wintergreen.—EDITOR.]

The Croydon coroner resumed, on April 12, an inquest on the body of Mrs. Violet A. Sidney (*C. & D.*, April 13, p. 432). Evidence of finding weed-killer was now given. Dr. J. H. Ryffel, a Home Office analyst, gave details of proportions of arsenic found in the skin and other parts of the body. The total amount of arsenic he found was nearly $3\frac{1}{2}$ gr., of which nearly $2\frac{1}{2}$ gr. was actually in the body. In a bottle bearing the name of a chemist was a fluid in which arsenious oxide was present to the extent of 1 gr. Eureka weed-killer, he said, contained 291 gr. of arsenic per oz., and the liquid weed-killer 140 gr. per fluid oz. The only articles besides the weed-killer containing arsenic were the medicine bottle and the wine glass. The fluid adhering to the wine glass was rich in arsenic. The Coroner: Have you formed any opinion of how long it was before her death that Mrs. Sidney took the arsenic?—Not more than twelve hours. Are you basing that on the fact that arsenic is rapidly eliminated from the body?—Yes, and from the relatively large amount in the body. Referring to the grain of arsenic which he found in the medicine bottle, the witness said there was only a quarter of a teaspoonful of liquid in the bottle. That meant that there would be 8 gr. in two teaspoonfuls. The Coroner: Have you made any experiments with a view to finding that a sediment such as you found in the bottle could be produced by adding the liquid weed-killer to metatone (the medicine which Mrs. Sidney was receiving)?—Yes, I mixed equal volumes of the weed-killer and metatone, and the only thing I noticed in the metatone was a slight change in colour and cloudiness. Was there any appearance similar to the sediment which you found in the bottle?—No. Answering further questions, Dr. Ryffel said the Eureka weed-killer dissolved slowly in water. He mixed a small quantity of metatone with about one-quarter of its volume of Eureka weed-killer. The Coroner: Does the mixture correspond with the appearance of the liquid in the medicine bottle when you received it?—Yes, I think it does, roughly. Have you formed any opinion of the cause of Mrs. Sidney's death?—Acute arsenical poisoning. What would you consider the ordinarily fatal dose of arsenious oxide?—Three grains. In this case more than $3\frac{1}{2}$ gr. must have been taken?—Yes, at least 5 gr. The inquest was again adjourned.

Pharmaceutical Society of Ireland

Council Meeting

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on April 9, Mr. F. J. Fitzpatrick (president) in the chair. The following members of the Council were also present:—Mr. Denis J. Nugent (vice-president), Dr. Michael Ryan (treasurer), Dr. J. A. Walsh, Dr. J. A. Mitchell, Messrs. Joseph Gorry, P. D. Larkin, Patrick Brooke Kelly, Thomas J. Doyle, P. A. Brady, J. J. R. Kerr, and J. J. Roche. Messrs. John Smith, P. J. Fielding, D. Warwick, and James McCormack sent apologies for non-attendance.

VOTES OF CONDOLENCE

The president referred to the bereavement suffered by Mr. David Warwick since the last meeting of the Council in the death of his daughter, and asked the Council to pass a vote of condolence. The vote was passed in silence.

The registrar (Miss E. C. Grene) submitted a letter from Sir Thomas Robinson, who wrote:—"I desire to convey to the members of the Council my sincere thanks for the very kind expression of sympathy on my sad bereavement. I greatly appreciate the kind thought of my colleagues for me and my family."

OTHER BUSINESS

Reports were received from the following committees and adopted:—The House Committee, the Law Committee, the Certificates and Declarations Committee, the Schools Committee, and the Benevolent Fund Committee.

Arising out of the report of the Benevolent Fund Committee, a vote of thanks was accorded to Parke, Davis & Co. for their subscription of £25.

The registrar reported the death of Mr. T. Neligan, M.P.S.I., late of Dingle, co. Kerry, which took place in Switzerland on February 11, 1929.

The following notified changes of address:—Mr. J. J. Cronin, to 9 Queen's Park, Monkstown, co. Dublin; Mr. J. E. Mahood, Ph.C., to 1409 11th Street, W., Calgary, Alta., Canada; Mr. G. H. Parker, Ph.C., to 80 Rathmines Road, Dublin; Mr. P. K. Ryan, Ph.C., to c/o Coghlan's Medical Hall, 27 O'Connell Street, Ennis.

The following were elected to membership:—Miss A. L. Connolly, Ph.C., Medical Hall, Rock Buildings, Strand Road, Derry; Mr. Francis P. McGrath, The Pharmacy, Oxmantown Road, Dublin; Mr. J. McGlynn, Ph.C., North Circular Road, Dublin; Mr. J. O'Sullivan, Ph.C., Bridge Street, Newcastle West.

Miss Anastasia Brenan, Ph.C., Castlecomer, co. Kilkenny, was nominated for membership.

April Examinations

PHARMACEUTICAL LICENCE EXAMINATION

Passed (arranged according to merit):—Mabel E. Fuller, Denis Long, Francis P. Duffy, John R. Lawless, Kathleen Fogarty, Philip G. Bourke and Lyall G. Smith. Twenty-five candidates were rejected. Mr. Samuel Stephen Huggard obtained sufficient marks to enable him to qualify as a pharmaceutical assistant.

PHARMACEUTICAL ASSISTANT EXAMINATION

Passed (arranged according to merit):—John J. C. Maguire, Elizabeth L. O'Connor, Patrick J. Sheehan, Dymphna Claffey, Margaret Morris, Catherine O'Driscoll, Eugene McMahon and Wm. Hooey. Five candidates were rejected.

REGISTERED DRUGGIST EXAMINATION

Passed (arranged alphabetically):—Francis M. Corr and John J. Murtagh. One candidate was rejected.

PRELIMINARY EXAMINATION

Passed with honours:—Mr. Jeremiah J. Linehan. *Passed* (arranged according to merit):—Anna Pilkington (Edward Barry, Ernest D. Cronin). Six candidates were rejected.

Colonial and Foreign News

SALVADOR OINTMENT DUTY.—The import duty on ointments which are not classed as specialities, into Salvador, has recently been reduced from \$1.70 per kilo to \$0.68 per kilo.

PROHIBITION OF ERGOT IMPORTATION.—A recent Royal Ordinance prohibits absolutely the import into Spain of ergot of rye, whatever the source or under whatever name it might be introduced.

TOBACCO MEDICINAL CIGARETTES may only be imported into Peru by the Peruvian Tobacco Monopoly Co. (Estanco del Tabaco). Furthermore, other kinds of medicinal cigarettes may only be imported into the country by permission of the Ministry of Hacienda, and with the consent of the Bureau of Health and the Tobacco Monopoly.

FROM MARCH 16 last the importation of proprietary medicines, pharmaceutical specialities, insecticides, beauty preparations, and toilet lotions through the regular and parcel-post mails to Mexico is prohibited, unless the manufacturers or their representatives have fulfilled the requirements of registration and inspection of such products established by the Mexican Department of Health.

YERBA MATÉ EXPORTS TAXED.—A new organisation (Instituto do Matte) for propaganda on behalf of yerba maté, approved by the president of the State of Paraná, Brazil, imposes a tax of 10 reis per kilo on maté exported from Paranagua and Antonima. This tax is to be levied monthly on the quantity exported during the preceding month. These exports are to be exempt from other taxes.

HUNGARIAN TAX ON SOAP.—According to a decree dated January 16, 1929, all kinds of locally produced or imported toilet, medicinal and disinfectant soaps, coloured or perfumed or not (also coconut, almond and glycerin soap), in any shape and form, are subject, from January 21, to "luxury" turnover tax at the rate of 13 per cent., whatever be their saponified fat contents and however they are packed.

BEHRING ANNIVERSARY.—Dr. Emil v. Behring, one of the discoverers in 1890 of the fact that blood-serum



DR. EMIL V. BEHRING

of animals immunised against the toxins of tetanus or diphtheria bacilli gave protection to normal animals against the harmful action of these poisons, would, if he had been living, have celebrated on March 15 of this year the seventy-fifth anniversary of his birthday. Son of a teacher in Hannsdorf, near Deutsch-Eylau, in Western Prussia, and one of twelve children, he entered the Military Medical Academy at Berlin at twenty, and after finishing his course joined the German Army as an army surgeon. After giving up a military career

and taking up bacteriological research, his discovery in 1890 was followed by the successful use in 1891 of diphtheria antitoxin in von Bergmann's clinic in Berlin. The history of the discovery was given in the *C. & D.*, 1916, 133, and in the obituary notice and appreciation in the *C. & D.*, 1917, 371, 393. In 1904 in Marburg-Lahn he founded his own research institute and laboratories for the production of antitoxin which were later grouped under the title "Behringwerke." He managed this enterprise until his death on March 31, 1917. His discovery of the presence in immune sera of bodies specifically antagonistic to toxins was soon confirmed and stands to-day as an established fact upon which Ehrlich and Calmette and others subsequently built their work.

French News

From the "C. & D." Paris Correspondent.

M. CALIXTE CRINON, who died on March 17, at the age of ninety, has been described at the "Grand Old Man" of French pharmacy. Failing health had latterly led to his retirement from his many activities, but it is not perhaps too much to say that during the last forty or fifty years no individual retail pharmacist has done so much useful work for the benefit of his colleagues. When I first knew him, he was still behind the counter at the "pharmacie Bouley" in the Rue de Turenne, a quiet thoroughfare in the easterly and less fashionable part of Paris, an old business founded in 1802. He had, I believe, run this pharmacy since he qualified in 1864. In 1881 he was elected a member of the Paris Society of Pharmacy, and was chosen as president in 1906. He edited for long years (1889-1927) the "Repertoire de Pharmacie," and took a keen interest in the scientific side of the profession; but was most remarkable for his public and practical work in the interests of the retailer. No figure was better known at the meetings of the General Association, and if frank and decided opinions sometimes aroused the wrath of the Utopians and the framers of platonic resolutions, his activity and indefatigable energy finally won him general respect. In 1893 he was made general secretary. Five years later a price protection scheme was mooted, which entailed the drawing-up and mailing of fifty separate forms to each of the 9,000 retailers of France, and their signature and return before a given date. A few hundred signatures lacked when the date came, the manufacturers accordingly refused acceptance. It was a great disappointment, of course, but will suffice as an instance of his powers of exertion. He was more successful, though not less active, in his idea of a mutual assurance society against accidents in dispensing. His great merit is that he from the first recognised the unwelcome truth that if it was not started with an ample reserve fund, any run of bad luck would be fatal to its continuity, but that to raise the ample reserve fund from the premiums of actual pharmacists insured would be difficult, if not impossible. So he found donors. He nursed the Society indefatigably through its tender years. Only when it grew to such large proportions that it required one man's whole time to deal with it did he give it over into specialist and competent hands.

He represented the General Association at the Brussels International Congress in 1897, and was the general secretary of the Paris International Congress of 1900; when the hearty cheers with which he was greeted at the closing meeting showed that he had at last gained the appreciation of his colleagues. He was by no means one of those men of personal charm to whom one is instinctively drawn, and to whom popularity is easy. Somewhat cold and reserved, occasionally authoritative in manner, plain in looks, he could only be really appreciated by those who were aware of the genuine qualities hidden beneath an unattractive exterior.

In 1881 he became member of the Supervising Committee of the Pharmacie Centrale, in 1903 he was chosen as its president. He was archivist of the Syndicat des Pharmaciens de la Seine, chairman of the Syndicat de l'Iode, and took a very active part in the revision of the poisons schedule, in fact, regrets are expressed that the excellent suggestions which his practical knowledge of retail pharmacy enabled him to put forward were not adopted in their entirety by the official committee which drew up the actual existing poisons regulations.

I believe even all this did not represent the total of his activities, but I only met him once outside pharmaceutical gatherings; when he appeared on the platform at the prize distribution of a public school, and made one of his plain practical speeches. "Competent in business and even in legal matters, unfailing in memory, sound in judgment, perfect in loyalty and delicate in kindness," is the verdict of one of his colleagues. For honours and publicity he cared little, and his nomination to the Legion of Honour a few years ago almost raised a smile, for this recompense of a nation would have been gained twenty years earlier by a man of less merit but of a more pliable and popularity seeking.

Associations' Winter Session

Glasgow.—Under the joint auspices of the Glasgow Pharmacy Club and the Glasgow and South-Western Scottish Branch of the Pharmaceutical Society, an entertaining talk on *Wit and Humour* was recently given in the club rooms, 166 Hill Street, by Mr. William Haldane. There was a good attendance presided over by Mr. J. Abbott, president of the club. Mr. Haldane defined the differences between wit and humour, and the audience was kept in a state of hilarity throughout the discussion. Appreciations of Mr. Haldane were given by Messrs. Guthrie, McVittie, Robb, Arthur, and Duff, and Miss M. Bain. On the motion of the chairman, a hearty vote of thanks was accorded Mr. Haldane, and also to the Misses Abbott for their musical services.

Liverpool.—Under the auspices of the Liverpool Chemists' Association, a meeting of the local branch of the Retail Pharmacists' Union, to which chemists from Wallasey, Birkenhead and Bootle were invited, was held at the Royal Institution, Colquitt Street, on April 11. Mr. J. G. Wallbridge, president of the Liverpool Chemists' Association, in the chair. Mr. H. Gilleghan (Leeds), a member of the executive of the R.P.U., delivered an address on *The Work of the Retail Pharmacists' Union*, and he alluded to the Sickness and Provident Branch, which, although only commenced a few months ago, was already very vigorous. A discussion followed.

Manchester.—The annual general meeting of the Manchester Pharmaceutical Association was held in the Houldsworth Hall on April 10. Mr. F. W. Bates in the chair. Apologies for absence were read from Mr. William Kirkby, M.Sc., Mr. J. Grier, M.Sc., and Mr. E. H. Simmons. The report of the year's work of the Council was read by the secretary (Mr. T. Miller). The treasurer (Mr. A. J. Pidd) submitted his thirty-second annual report and balance sheet, which showed a balance in hand of £137 6s. Owing to exceptional expenditure this was £12 less than last year. The secretary and treasurer were congratulated on their excellent reports, which were adopted. The auditor (Mr. A. C. Vallance) and the librarian (Mr. W. Wyatt) were thanked for their services and were re-elected. The composition of the council was as before, owing to there being no new candidates. It was decided that the annual subscription should remain 10s. 6d. Votes of thanks to the president, vice-president, treasurer, secretary and social secretary (Mr. J. H. Franklin) were passed with acclamation. Mr. J. H. Nidd introduced a discussion on *Early Closing*. Mr. Nidd said that unfortunately there was a growing laxity among chemists in certain districts in the observance of the 8 o'clock rule, and he viewed this with considerable misgiving. Possibly this was due, to a large extent, to the Press stunt against the old D.O.R.A. regulation now made permanent by Act of Parliament. Unfortunately the younger generation of pharmacists now opening in business on their own account knew very little of the conditions which prevailed in the old days, and seemed to keep open their shops longer than the legal closing hour, which was unfair to neighbouring pharmacies. If we had to go back to the old conditions, he contended, it would be a national calamity. Mr. J. Cleworth said that not only was there a general laxity in 8 o'clock closing, but in some districts, unfortunately, the half-day closing was practically a dead letter. In his experience, some customers thought that chemists' shops should never be closed. Mr. D. Dickson thought there must be something behind the agitation. One could pander to the public too much, and chemists earned what little recreation they obtained from the earlier closing hours. Mr. Bates considered this was a question which should be brought to the notice of all parliamentary candidates for an expression of their views in the forthcoming general election. Mr. Haines understood that the attitude of magistrates was unsympathetic, if not actually hostile, in some cases, and this did not encourage the police to be energetic in seeing that the Act was enforced. Councillor R. G. Edwards suggested that some useful work might be accomplished if a deputation from the Association met the chief constable and ex-

plained their attitude. After further discussion the following resolution was unanimously passed: "That a deputation from the Association be appointed to interview the chief constable for the purpose of expressing dissatisfaction at the manner in which the Early Closing Act is being contravened in Manchester." The further resolution was passed: "That the members of the Manchester Pharmaceutical Association are strongly in favour of the continuance of the Early Closing Act, and that the observance of the regulations of the Act should be more stringently enforced."

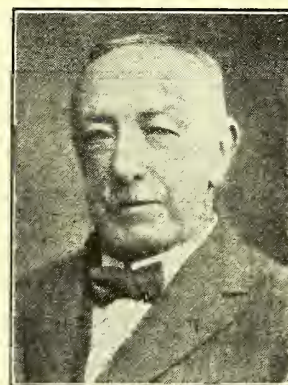
Festivities

Lombard Social Club's Dinner

MEMBERS of the Lombard Social Club held their second annual dinner in the club room at Lombard Road, Battersea, recently. The president, Mr. W. George Whiffen, occupied the chair, and welcomed members and friends numbering upwards of 100. Reviewing the past year, Mr. Whiffen congratulated members upon the satisfactory state of the Club finances and their programme of activities for the coming season. Mr. Stanley Whiffen proposed the health of "The Guests," and the toast was acknowledged by Mr. C. Croft, J.P. The enjoyment of the occasion was augmented during dinner and afterwards with music, and among the items calling for special notice were several excellent solos rendered by Mr. James Henderson and Mr. S. Jamieson.

A Jubilee Celebration

On April 13, Thomas Waide & Sons, Ltd., chemists' and general printers, entertained about 250 of their employees at the Scala Restaurant, Leeds, in celebration of the completion of fifty years in business. Mr. J. E. Wormall (works manager), on behalf of the staff, presented Mr. Thomas Waide (chairman of directors) with a pair of silver candlesticks, and in proposing the toast of "The Firm," paid tribute to the cordial relations which had always existed between Messrs. Waide and their employees. He remembered the firm's inception, having commenced as an apprentice fifty years ago, and having maintained an unbroken record of service. Mr. Thomas Waide, in replying, thanked the workpeople for their gift and for their loyalty and co-operation in helping to establish the firm's business on so sound a foundation. In tracing the history of the firm, he said that the cordial relations which had always existed between them, and the high standard of their work, had resulted in the growth of the business to its present proportions. A souvenir in the form of a sumptuous royal folio booklet (which is being sent out in the course of the next few days to all Messrs. Waide's customers) was presented to each of the company present. The booklet extends to twenty-four pages, and is illustrated with portraits of directors and members of the staff, together with views of different departments of the works. Songs by Mr. George Ould, and other items of music and dancing, filled the remainder of the evening.



MR. THOMAS WAIDE

PHARMACEUTICAL PARLIAMENTARY FUND.—A circular dated April 3, and signed by the chairman and joint secretaries of the Pharmaceutical Parliamentary Fund Committee of the Pharmaceutical Society states that the presence of a pharmacist in the House of Commons and of seven pharmacist candidates at the coming general election would not have been possible without the existence of the Fund. An appeal is made for subscriptions for the current year.

British Pharmaceutical Conference

Hotel Accommodation

THE booking for the various hotels for the Dublin Conference is now steadily advancing. For this Conference it will be noticed that application should be made to the local secretary, and he in turn books the required accommodation under two heads—single-bedded rooms and double-bedded rooms. The following hotels are available; the charges include bed and breakfast (in some cases bath):—

Gresham Hotel, Upper O'Connell Street ...	10s. 6d.
Royal Hibernian Hotel, Dawson Street ...	10s. 6d.
Salthill Hotel, Salthill, co. Dublin ...	10s. 6d.
Jury's Hotel, Dame Street ...	10s. 6d.
Standard Hotel, Harcourt Street ...	10s. 6d.
Hotel Russell, Stephen's Green ...	9s. 6d.
Wynn's Hotel, Lower Abbey Street ...	9s. 6d.
Royal Marine Hotel, Dun Laoghaire, co. Dublin ...	from 9s. 6d.
St. Andrew's Hotel, Exchequer Street ...	9s. 6d.
Four Courts Hotel, Innes Quay ...	8s. 6d.
Power's Hotel, Kildare Street ...	8s. 6d.
Central Hotel, Exchequer Street ...	8s. 6d.

It is urgently requested that those who anticipate attending this Conference should send in their names immediately, and the bookings will be definitely arranged and absolutely reserved when the book of tickets is applied for. Already a fare and a third has been granted by the British Railways, but it is hoped to get the usual period extended. Those in the Free State and Northern Ireland who attend the Conference can obtain vouchers for the return journey at single fare for about two weeks. Any further information required may be obtained from the Local Honorary Secretary, Mr. Victor E. Hanna, 70 Lower Mount Street, Dublin.

Legal Reports

An Unread Contract.—In Coventry County Court, on April 16, Mr. Reginald Evan Parker, chemist and druggist, Holyhead Road, was sued by the Postmaster-General to recover the sum of £7 5s. 6d. in respect of telephone charges. Mr. Parker submitted that in 1921-22 he was forced by the Post Office, under threat of action, to pay for twelve months' telephone service he had not had. He gave up the service, but in 1928 agreed to take it again on the assurance that the conditions would be better. He signed the contract, but admitted he did not read its terms at the time. He declared he had not been able to use the telephone, and made frequent complaints. Judge Druquer, in giving judgment for the amount claimed, expressed the opinion that it was a hard case, but under the agreement Mr. Parker had signed he (the judge) was bound to find against him. While he was satisfied from the evidence of Mr. Parker that the installation had been absolutely useless to him, that was not sufficient defence to the claim.

Medical Man Fined.—At West Ham Police Court, London, on April 15, Mr. James Scott Webster, M.B., Ch.B., described as a *locum tenens*, of 82 Romford Road, Stratford, and of Drumoak, Aberdeen, was summoned for failing to comply with Regulation 11 of the Dangerous Drugs (Consolidation) Regulations, 1928, by not entering particulars of certain quantities of cocaine. Mr. Clayton, who prosecuted for the Director of Public Prosecutions, said that on April 3 it was ascertained that the defendant had been supplied with cocaine, and on April 5 Detective-Inspector Burmy and another officer called on the defendant, who admitted that he had not kept a register. In answer to a question, the inspector said it was a fact that the police had been "chasing him round" since November. It was not known that he had supplied any of the drugs to others. Mr. H. M. Lynde, pleading "Guilty" for the defendant, said he took over the surgery while the doctor was away on holiday, and he did not look for the register. He had reason to make up a prescription for himself, as he was

suffering from illness requiring the use of drugs; he had been at the place only twenty-four hours, and being exceptionally busy did not trouble to look up the register. The magistrate said it was perfectly evident the defendant must be protected from himself, and the only way was to fine him. There would be a penalty of £5.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office.

MORGAN BROTHERS (PUBLISHERS), LTD.—On May 1 the amalgamation will take place of The Engineer, Ltd., 33 Norfolk Street, Strand, London, W.C., proprietors of "The Engineer" (founded in 1856), with Morgan Brothers (Publishers), Ltd., 42 Cannon Street, London, E.C., proprietors of THE CHEMIST AND DRUGGIST and "The Ironmonger" both founded in 1859). The amalgamation will take the form of the incorporation of a new company with a capital of £500,000, to be called Morgan Brothers (Publishers), Ltd., with registered offices at 42, Cannon Street, London, E.C.4, which will acquire the three journals from their present proprietors. All the issued capital of the new company will be allotted to shareholders in the two amalgamating companies, and none will be offered to the public for subscription. The directors of the new company, all of whom are sons, grandsons, or great-grandsons of the founders of the two businesses, will consist of the directors of the two amalgamating companies, and the chairman will be Sir Gerald E. Chadwyck-Healey, Bt., C.B.E., now chairman of The Engineer, Ltd. The publishing offices of these journals will for the present remain unchanged, and the policy which has for so many years inspired their management and editorial staffs will be maintained.

LEWIS WOOLF, LTD. (P.C.).—Capital £10,000. Objects: To acquire the business of a chemists' sundries manufacturer and dealer heretofore carried on by L. Woolf, at Windmill Street, Birmingham. The directors are: L. Woolf, and B. C. D. Woolf. R.O.: Anchor Works, Windmill Street, Birmingham.

THORNTON PHARMACEUTICAL LABORATORIES, LTD. (P.C.).—Capital £100. Objects: To acquire certain formulas for the making and stabilisation of local anaesthetics, and other preparations, used in the dental and medical professions, the property of H. W. Merrill. The permanent directors are: H. W. Merrill, and W. A. Lilley. R.O.: Victoria Road, Thornton, Blackpool.

DENTAL REQUISITES, LTD. (P.C.).—Capital £15,000. Objects: To carry on the business of manufacturers of, agents for and dealers in artificial teeth, and all drugs, materials and instruments for use in dentistry or surgery (dental or otherwise), etc. The first directors are: G. MacElwee, H. T. Wightman, and A. N. Harper. Solicitors: Percy Robinson & Co., 15 Great Marlborough Street, W.

J. GEO. SIGG, LTD. (P.C.).—Capital £10,000. Objects: To adopt an agreement with J. G. Sigg for the acquisition of the business of a shellac merchant and dealer and to carry on business as dealers in shellac, jute, hemp and all other products of the East, general import and export merchants, etc. The subscribers are P. F. Rouse and W. H. Puckridge. Solicitors: Cruesemann & Rouse, 41-2 King William Street, E.C.4.

SYNTHETIC NITROGEN Co., LTD. (P.C.).—Capital £5,000. Objects: To carry on the business of manufacturers, exporters, importers and workers of and dealers in nitrates, natural and synthetic nitrogen, nitrogenous products of all kinds, minerals, chemicals, fertilisers, artificial manures, etc. The subscribers are: H. W. Humphries, and H. P. E. Sanders. Solicitors: Speechly, Mumford & Craig, 10 New Square, Lincoln's Inn, W.C.2.

SYNTHETIC PAPER INDUSTRIES LTD. (P.C.).—Capital £30,000. Objects: To carry on the business of manufacturers of synthetic and other paper, and articles made from paper or pulp, containers, envelopes, etc., manufacturers of and dealers in chemicals, compounds, etc. The first directors are: T. Wolk, 1 Whitehall Court, S.W.,

Dr. G. Frenkel, 3 Medway House, Cavendish Square, W, and L. Fior, 29 Bramham Gardens, S.W.5. Solicitors: Lucien Fior, Commerce House, 72 Oxford Street, W.1.

BUZZARD VITAMINS, LTD. (P.C.).—Capital £2,500. Objects: To adopt an agreement with H. C. Tooley, Ltd., to acquire the trade mark or marks "Buzzard," relating to game, poultry and cattle foods and concentrated cereal vitamin food, and goodwill attaching thereto, and to carry on the business of manufacturers of the said foods, etc. The directors are: H. C. Tooley, A. Missenden. R.O.: 26 North Street, Leighton Buzzard, Beds.

MR. THOMAS MARNS, M.P.S., has been appointed to the board of The Merchandising and Service Corporation, Ltd., 33 Banner Street, London, E.C.1, of which for the past six months he has been sales manager.

APOLLINARIS & JOHANNIS (LTD.).—The profits for the nine months to December 31, 1928, were £65,225 (against £71,367 for the previous twelve months). A dividend has been declared of 1 per cent. actual, equal to $1\frac{1}{2}$ per cent. per annum (against 1 per cent. actual for the year 1926-27); £3,900 is for income tax and £90,681 carried forward (against £77,636).

GRAESSER-MONSANTO CHEMICAL WORKS, LTD., announce that two new directors, Mr. H. M. Hodges and Mr. J. A. Currie, were elected at the meeting of the Board on March 28. Mr. Hodges has been connected with Graesser-Monsanto Chemical Works, Ltd., and Monsanto Chemical Works, St. Louis, U.S.A., for the past 12 years, having represented both organisations in the Far East for the greater part of that time. He will now act in the capacity of director of sales for Graesser-Monsanto, working from the head office, King William Street House, Arthur Street, London, E.C.4. Mr. Currie is a graduate of Oxford University, and has until recently been associated with Synthetic Ammonia and Nitrates, Ltd., of Billingham.

Bankruptcy Reports

Re John Walter William Lester Pendleton, Roman Bank, Skegness, previously 81 Lumley Road, Skegness, Lincolnshire, chemist and druggist.—The first meeting of the creditors was held on April 3 at the Official Receiver's office, 4 & 6 West Street, Boston. According to the statement of affairs filed there were liabilities amounting to £543 10s. 8d., against assets of £264 6s. 8d. The deficiency account filed by the debtor, dating from March 15, 1928, showed estimated net business loss £100 1s. 5d.; estimated depreciation of trade fixtures, etc., £100; bad debts, £11 4s. 5d.; household and personal expenses, £104; and estimated costs of writs and county court summonses £20. Debtor attributed his failure to heavy rent and overhead charges and ill-health. He stated that in 1922 he commenced business on his own account at 81 Lumley Road, Skegness. He had between £60 and £70 capital, which he had saved and paid for stock, and his wife lent him a further £30. On October 6, 1928, he gave up these premises and removed to a lock-up shop on Roman Bank, Skegness. This business was sold on February 11, 1929, for £163; he received £40 on account and the balance is to be paid by monthly instalments of £5, commencing on June 1, 1929. Debtor appears to have kept a cash book, invoice book, debtor's ledger and bought ledger and day book. No resolutions were passed, and the case, being a summary one, was left in the hands of the Official Receiver as trustee of the estate. The following are creditors: Holden, J. W., £21; Houghton Butcher, Ltd., £66; Yardleys, Ltd., £10; Amalgamated Photographic Manufacturers, Ltd., £24; Kodak, Ltd., £26; Evans Sons Lescher and Webb, Ltd., £14; Wellington and Ward, Ltd., £20; Ayrton, Saunders & Co., Ltd., £15; Parfumerie de Paris, Ltd., £11.

Winding-up Order

Edwards Dental Manufacturing Co., Ltd.—Under a compulsory winding-up order made against the Edwards Dental Manufacturing Co., Ltd., 55-57, Great Marlborough Street, W., the Official Receiver, who is also acting as

liquidator, reports that the total liabilities* are returned at £20,928, the assets valued at £9,362, are subject to preferential and debenture claims amounting to £8,650, and the deficiency as regards contributories is returned at £30,454, the issued capital being £19,138. The company was registered as a public company in October, 1911, with a nominal capital of £50,000, to acquire the undertaking of W. Edwards & Co., Depot, Ltd., and to carry on the business of manufacturers and dealers in dental, chemical, surgical and optical instruments and appliances. The object of the formation was to have the advantages of a public company in which the dental profession could be invited to subscribe for shares. A prospectus was issued upon the company's incorporation to the public inviting subscriptions for £19,250 6 per cent. participating preference shares, and applications were received for 210 shares. The underwriters became liable for 13,790 shares, of which they took up 12,805; one underwriter, liable for 935 shares, defaulted, and the company considered it advisable to waive its rights under the agreement under which the vendor of the business agreed to underwrite 14,000 shares at a commission of 5 per cent. After providing for the preliminary expenses, £850; underwriting commission, £650; and the cash purchase considerations, £8,950, there remained only £2,535 available for working capital. No dividends have been paid since 1913. The business carried on has been mainly that of factors; although the company did at one time manufacture copper, amalgam, and silver and gold alloys. Branches were established in Holland and Australia, and selling agencies in South Africa, South America, Spain, Switzerland and the Far East. Various sets of debentures have been issued since October, 1918, and on July 11, 1928, when £8,535 was due to the bondholders, default being made by the company in payment of the principal moneys and interest. Mr. H. J. M. Gregory, C.A., was appointed receiver and manager. In February last Mr. H. E. Taylor, accountant, was appointed in place of Mr. Gregory, and he has accepted an offer of £8,500 for the whole of the assets. It is, therefore, clear that no dividend can be paid to the unsecured creditors. The failure of the company is attributed to the action of the Council of the Association of Dental Manufacturers and Traders, whereby the company was unable to obtain supplies at remunerative prices; also to the enactment of the Dental Registration Act, 1921, which reduced the number of practising dentists considerably, and to general trade depression since 1922, and in the opinion of the Official Receiver the failure is primarily attributable to mismanagement on the part of the directors, in that the working capital provided was totally inadequate to the company's requirements, with the result that the business has been carried on by means of borrowed capital.

Business Changes

MR. W. SMITH, chemist and druggist, has opened a business at 2 Deaswood Place, Aberdeen.

MR. J. M. MACKENZIE, chemist and druggist, has opened a business at 560 Holburn Street, Aberdeen.

TAYLORS' DRUG CO., LTD., have taken over the business of Mr. H. Ayre, chemist and druggist, Market Place, Thirsk.

BRIGGS' CASH CHEMISTS, LTD., 197 Hoxton Street, London, N.1, have purchased the business of Mr. A. K. Rees, chemist and druggist, 98 Bow Road, E.3.

MISS A. E. REDDALL, chemist and druggist, has acquired the premises at 8 High Street, Lee-on-the-Solent, and will open a pharmacy there on April 27.

MR. J. T. QUINE, chemist and druggist, Port Erin, Isle of Man, is taking over, on May 12, premises in Arbory Street, Castletown, at present occupied by Mr. Horne.

MR. W. L. JACOBS, who has been associated for twenty years with E. Fougere & Co., 41 Maiden Lane, New York, in the capacity of import and production manager, secretary and director, has commenced business on his own account in the International Commerce Building, 11 Water Street, New York.

Proprietary Articles Trade Association

Council Meeting

THE quarterly meeting of the Council of the Proprietary Articles Trade Association was held at the Hotel Russell, London, W.C.1, on April 11. In the absence of the president and the vice-president the chair was taken by Mr. C. H. Ratcliffe. At the luncheon held before the commencement of the official business, the chairman introduced Mr. A. H. Reuss, Ph.C., treasurer of the P.A.T.A. of New South Wales, and a member of its executive.

EXECUTIVE COMMITTEE'S REPORT

The report and recommendations of the executive committee included the following:—

The committee have received complaints from retail members regarding the practice adopted by certain manufacturers of selling their products at public exhibitions at prices which are lower than the minimum retail prices shown in the protected list. The committee consider that while the practice of selling standard P.A.T.A. lines at less than the minimum retail prices cannot be countenanced and must be discontinued, no exception can be taken to the offer at special exhibition prices of sample packages specially prepared for exhibition distribution, which sample packages would not be available for sale through the usual channels.

The committee have considered the question raised by the inclusion in the protected list of articles the distribution of which is restricted by the manufacturers concerned to certain channels. The committee consider that no exception can be taken to the inclusion of such articles provided they are in other respects satisfactory and suitable for the list. They recommend, however, that a note be published in the Year-Book, explaining that the policy of restricting distribution to certain channels is a private arrangement adopted by certain manufacturers for which policy the P.A.T.A. is not responsible.

The report also dealt with propaganda conducted by the co-operative movement, certain advertisements regarding rates of profit which have appeared in the trade Press, and the allowance of discounts to nurses.

The report was adopted.

RESIGNATION OF DR. A. J. BARNES

The chairman stated that owing to the fact that he was no longer resident in Ireland, Dr. A. J. Barnes had tendered his resignation as a member of the retail section of the Council. The chairman moved a resolution expressing the Council's appreciation and regret.

The resolution was supported by Mr. Rowsell, Mr. Keall and Mr. Pickard, and carried unanimously. A suitable acknowledgment was made by Dr. Barnes.

CO-OPTION

Mr. MILNER, chairman of the retail section, reported the unanimous recommendation of the section that Mr. D. M. Watson, 61 South Great Georges Street, Dublin, be co-opted to the seat on the Council vacated by Dr. Barnes. Mr. Watson, whose nomination was acceptable to both the Dublin and Belfast Retail Associations, was eminently qualified to represent Irish retail interests on the Council. The nomination was seconded by Mr. KEALL, and unanimously approved by the Council.

Annual Meeting

THE annual meeting of the Association was held at the Hotel Russell on April 11, Mr. C. H. Ratcliffe in the chair.

THE CHAIRMAN moved the adoption of the annual report and financial statement, which was taken as read.

The following is an abstract:—

During a period when industrial depression has been marked and trading conditions, in many directions, unsatisfactory, the Association has been able to enlarge its membership and, in spite of added expenditure, to show an increased balance.

A committee consisting of the president and chairmen of the various organisations in pharmacy and the drug trade (including the P.A.T.A.) with which the late Sir William Glyn-Jones had been associated was formed to consider in

what way his memory could best be perpetuated. Your Council endorsed the recommendation of this committee that an opportunity should be given to the members of the drug trade as a whole to contribute to a Glyn-Jones Memorial Fund.

The Association claims that there are, to-day, few nationally advertised proprietary articles distributed through the drug trade which are not protected in price by the P.A.T.A. The strength of the manufacturers' section of the Association supports this claim, for at the end of the year the products of no less than 455 manufacturers were included in the protected list—a net increase on the preceding year. In the wholesale section the position is equally satisfactory, and in the retail the progress reported last year has been maintained, subscriptions being paid in respect of 8,546 businesses.

In certain densely-populated centres the continued cutting by non-pharmaceutical traders (chiefly small-holders and market traders) of a number of popular proprietary toilet, food and medicinal articles has been a source of concern to the Council, who have spared no pains to minimise this, and who are confident, moreover, that if it were not for the co-operation of the manufacturers in the unremitting activities of the Association's officers and staff, the cutting would be many times worse than it is. In recent years there has been a very large increase in the number of unqualified traders, in markets and elsewhere, who sell drugs and pharmaceutical preparations as well as proprietary articles. The number of "ordinary" cases of price-cutting reported during the past twelve months was somewhat larger than in 1927, the figure being 580 as compared with 500. The majority of these cases were settled quickly and satisfactorily, and to only 100 obdurate traders had the restriction of the stop list to be applied. In the effort to ascertain and close the sources from which the cutters obtained their supplies, 3,000 test purchases of privately-marked goods were made, and in some 1,500 instances were of material assistance.

The financial statement includes the following items of expenditure: Salaries and annuity, £2,692 4s. 8d.; investigation of cutting, £1,193 9s. 4d.; councillors' expenses, £860 9s. 3d.; propaganda meetings, £145 12s. The balance of income less expenditure is £1,229 11s. 11d.

THE CHAIRMAN said it was almost unnecessary to annotate the report. More than ever it was apparent that the P.A.T.A. was of inestimable benefit to the trade, and it was gratifying to note that its usefulness and prestige had not been impaired by the loss of its great founder. Taking everything into consideration, it could be claimed that the results achieved were remarkable.

Mr. A. HIGGS seconded the adoption of the report, and referred to the value of the propaganda meetings held throughout the country and in Ireland.

Mr. KEALL, Mr. PICKARD and Dr. COULL supported the motion.

Mr. E. H. SIMMONS referred to the position in Lancashire and to the necessity of special efforts being made in that district. The value of the propaganda meetings and the advisability of continuing them was stressed.

Mr. HEARLE (Islington) asked whether everything possible was being done to ensure the strict observance of their obligations by wholesalers and manufacturers. There was a good deal of "cutting" in Islington by street traders and others, and possibly something more could be done to tighten up control.

THE CHAIRMAN replied to the points raised by Mr. Simmons and Mr. Hearle. The report was then formally adopted.

A vote of thanks to the staff was moved by Mr. RATCLIFFE, seconded by Mr. HIGGS, and suitably acknowledged by Mr. CHAPMAN (general secretary). The proceedings terminated with a vote of thanks to the chairman.

Retail Pharmacists' Union

Branch Meetings

Ipswich.—A meeting of the Ipswich and Suffolk Branch was held on April 8, Mr. S. J. Stearn (president) in the chair. Correspondence and the report of the quarterly meeting at Peterborough were read. The sale of well-known proprietaries and perfumes by co-operative societies was discussed, and also closing orders and a Wednesday rota.

Pharmaceutical Society of Great Britain

Extracts from Annual Report of the Board of Examiners for England and Wales

WE have received from the Pharmaceutical Society of Great Britain the following paragraphs, dated January 1929 and signed by Mr. Herbert Skinner as chairman of the Board:—

BOTANY.—In the past year, 1,669 candidates presented themselves for examination in botany; of these, 996 passed and 673 were referred. The main causes of failure were a lack of practical knowledge, ignorance of fundamental morphological and anatomical characters and of the more obvious physiological processes. It is essential that candidates should realise that botany is a practical subject which deals with the living organism; a theoretical knowledge unaccompanied by knowledge gained by work on the actual plant and by experiment is all but valueless.

CHEMISTRY.—In general, candidates are deficient in their knowledge of the principles of the science, facts being memorised without the connection between them being appreciated; this is particularly noticeable in connection with such general questions as oxidation and reduction or the ability to construct chemical equations or to solve simple problems relating to chemical reactions between gases. In some cases comparatively difficult parts of the syllabus may be fairly well known to the apparent neglect of the more elementary parts of the subject, such as the preparation and properties of the simple gases. Practical work in many cases shows insufficient appreciation of the necessity for accurate weighing; not infrequently candidates make up solutions which in no way correspond in strength to the test solutions. Note-books are in a number of cases badly kept and contain very little work. It should be realised that considerable importance is attached by examiners to past records of work in deciding upon a candidate's qualification to pass.

PHYSICS.—The absence of mathematical knowledge is marked, and many candidates are unable to work correctly the simplest calculations. Practical work is frequently deficient, and some candidates, while recognising a piece of apparatus, cannot use it. A record of practical physics should be required.

PHARMACY.—Many candidates have not realised sufficiently that a knowledge of the principles underlying the preparations in the Pharmacopœia is more important than a mere enumeration of the ingredients. The capacity of candidates to read such manuscript prescriptions as are in ordinary use has deteriorated; this fault being reflected in the practical examination, and being the frequent direct cause of failure. The working methods of a large number of candidates in dispensing are unsatisfactory. Benches become untidy, congested with apparatus, and although waste boxes are provided, the floor becomes littered with waste paper. Scale pans are left dirty, and one ingredient is often weighed upon the remains of a previous one. Such untidy methods have been the direct cause of failure. In making B.P. pills, such as pil. rhei co., etc. (when the pulvis pro pilula is provided), candidates frequently make the mistake of taking a weight of powder the same as the weight of mass ordered. Infusions of cloves and buchu are frequently poorly prepared owing to insufficient preparation of the drugs for the extraction process. An increasing number of candidates show weakness in a knowledge of a Latin vocabulary. Sufficient attention is not devoted to neatness of wrapping and the general "finishing off" of preparations. Arithmetic appears to be a weakness, and quite simple calculations become very involved.

PHARMACOGNOSY.—While there has been an improvement in the ability of candidates to recognise crude drugs, this ability is still far from satisfactory. There is rarely any evidence to be obtained that the candidates have examined any drugs by dissection, or with a pocket lens, or have applied and are familiar with the qualitative chemical tests of the Pharmacopœia. They are in general unable to point out diagnostic characters or to explain the reasons for characters and other details specified in

the Pharmacopœia. The conclusion we draw from our observations during the examinations is that, in general, candidates consider that the naming of the drugs and the enumeration of the botanical source, constituents and habitat are all that is required of them.

PHARMACEUTICAL CHEMISTRY.—A few candidates have shown a good general knowledge of the principles of organic chemistry, but in many cases the work on this portion of the syllabus is weak, and candidates cannot offer more than isolated facts and have little practical knowledge of the preparation of simple carbon compounds. The identification of single substances is generally well done, but more attention should be given to the examination of official substances for impurities; the tests in the Appendix to the Pharmacopœia are applied frequently without sufficient regard for possible interference by the actual substance being examined. Candidates in general are unable to discuss adulteration and contamination in pharmacopœial elements, inorganic substances and the specified organic substances. The principles underlying the use of solutions of potassium dichromate, iodine and sodium thiosulphate are often not understood. Candidates should pay more attention to accuracy in weighing and measuring and in the use of indicators; few candidates appear to appreciate the general principles upon which volumetric apparatus is standardised, and this leads often to the measurement of incorrect volumes when using pipettes and graduated flasks. Results of analysis in volumetric determinations should be calculated, where possible, from equations expressing the reactions involved, and not by comparing the volumetric reading obtained with that given in the B.P., except in certain cases, when it is required to determine the proportion of a substance of B.P. standard in a solution or mixture. During the last year or so there has been a marked improvement in the general knowledge of the determination of alkaloidal substances in simple preparations, but manipulation in the practical examination is still weak. In many cases the substance extracted is very impure and weighed in unsuitable dishes, which are often not dried before use. One most regrettable feature in the examination is the general lack of knowledge of the chemistry of the majority of common inorganic substances and chemical preparations.

FORENSIC PHARMACY.—A considerable number of candidates showed a lack of understanding of the "omnibus clause," e.g., white precipitate ointment was stated not to be a poison. Some candidates had little knowledge of the regulations governing the dispensing of prescriptions containing poisons. Others showed little knowledge of the Regulations (and the recent alterations thereto) that govern the sale of agricultural and horticultural poisons.

Branch Meetings

Carmarthen.—The annual meeting of the Cardigan, Carmarthen and Pembrokeshire Branch of the Pharmaceutical Society was held at the Shire Hall, Carmarthen, Mr. D. Morris presiding. Mr. J. Miles Davies was elected *Chairman*. Mr. J. Gower was re-elected *Secretary and Treasurer*.

East Metropolitan.—A meeting of the Branch was held at Stratford on April 3, Mr. S. Clifford Jones in the chair. The chairman introduced a discussion on *The Reliability of Stock Solutions for Dispensing*. Mr. Jones pointed out that analysts used standardised solutions of chemicals. He preferred to call the solutions used for dispensing "strength solutions" rather than "stock solutions." Careful weighing and measuring in making solutions reduced the limit of error to a minimum. A discussion followed. Mr. Gray (Walthamstow) proposed and Mr. J. Reed (West Ham) seconded a vote of thanks to Mr. Jones.

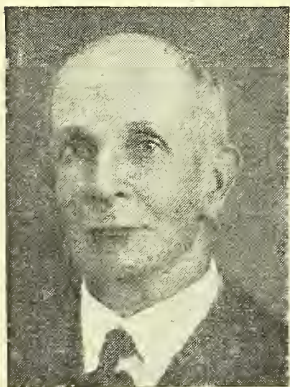
A TRIBUTE TO ADVERTISING.—Lady Cust writes to "The Times" of April 16 as follows:—"I heartily agree with Major-General Sir — in his lamentation over the Jelloid stairs at Sloane Square Station and elsewhere. I call them the Jelloid stairs, as each painful step displays the injunction 'Take Iron Jelloids for Weakness' and similar conditions. I need them, by the time I reach the top at last and stagger out into the open."

Council Candidates

IN our issue of April 13 (p. 442) we gave biographical details concerning two of the candidates for the seven positions on the Council of the Pharmaceutical Society that are to be filled at the forthcoming election, and published their views. We now continue the series.

Mr. F. E. Bilson, Ph.C.,

served his apprenticeship at Newark, gained wider experience at Brighton, and passed the Major examination in 1881. He then spent



MR. F. E. BILSON, Ph.C.

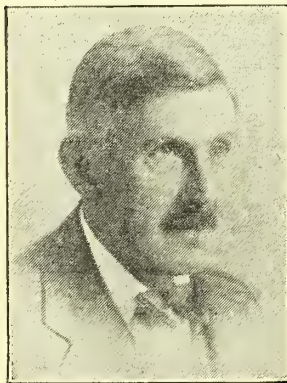
five years in the historic house of John Bell & Co., where one of his fellow assistants was Sir Richard Winfrey. In 1886 he commenced business on his own account at Bourne-mouth; he has for several years acted as secretary to the local Association (of which he was one of the founders). Mr. Bilson is widely known as the designer of a mould and an improved formula for glyco-gelatin pastilles. He has been a member of the Pharmaceutical Society's Council for a considerable period, and on the resignation of Mr. W. H. Gibson from the

treasurership in 1918 was elected in his stead. In 1926 he became president of the Society. Mr. Bilson replies to our request for a confession of faith as follows:—

At this time, with a general election pending, there is a possibility of the importance of the Council election being overlooked. The report of the Inter-Departmental Committee, which should be published shortly, will probably vitally influence and affect the future of pharmacy; it may be that the long experience, I have had on the Council will be of some use in this connection. As a retail pharmacist, my sympathies are naturally in that direction. It will be necessary strenuously to resist any more harassing regulations such as we have to submit to in the administration of the Dangerous Drugs Acts. With regard to education, whilst it is impossible to stand still, it will be necessary in the future to bear in mind what the men are being trained for and base our examination accordingly. My anxiety is to have in pharmacy the best type of man, who will be a credit to and preserve the ethics of his calling.

Mr. A. H. Jenkin

was apprenticed in Southampton from 1886 to 1891, and qualified in 1892. He was the proprietor of a retail business in North London till 1906, when he became chief pharmacist at the City of London and East London Dispensary, a post which he still holds.



MR. A. H. JENKIN

Mr. Jenkin was a member of the Local Associations Executive from 1913 to 1916; he served on the Council of the Pharmaceutical Society from 1917 to 1920, and for a second period since 1927. The London Pharmaceutical Committee elected him chairman in 1914, and he is now, for the second time, its vice-chairman. He was chairman of the London County Association in 1915, and in that

capacity called the meeting at which the Pharmacists'

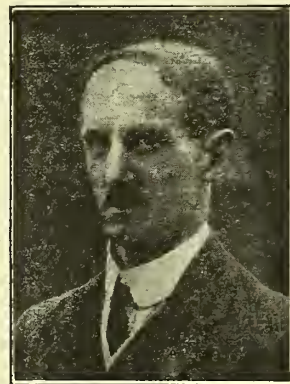
Volunteer Corps was formed; he served as an officer of the Corps from 1915 to 1918. Mr. Jenkin has been president of the North London Pharmaceutical Association, and secretary of the Guild of Public Pharmacists since its formation in 1923. He is also a member of the Royal Institution of Great Britain. Mr. Jenkin sends us the following considered expressions of his views:—

In general, I support the policy which the Council has pursued in endeavouring, by negotiation and legislation, to improve the position, financial and otherwise, of the pharmacist. With regard to education, I am strongly in favour of making the Society's School the model School of Pharmacy; I am in favour of a single qualifying examination which shall be a step towards honours examinations for specific branches of the profession. I should support any proposal for compulsory membership of all pharmacists on the Register. On the economic side, I shall do all I can to assist in protecting the interests of those engaged in the business of chemists and druggists, as laid down by the Charter, and to assist in promoting legislation to that end.

Mr. E. H. Simmons

is a native of Spilsby, Lincolnshire, where he was educated and served a five years' apprenticeship. After further experience with Mr.

A. H. Ellithorne, Birkenhead, he qualified in 1896. For the next few years he was successively assistant with Mr. James Botham, Ph.C., Higher Broughton, senior assistant dispenser at Crumpsall Infirmary, and chief pharmacist at the Manchester Children's Hospital. In 1905 Mr. Simmons entered into partnership with the late Mr. G. S. Butcher, 329 and 331 Chapel Street, Salford; three years later he became the sole proprietor, and has continued the business under the style of Butcher & Simmons. He was one of the founders of the Salford and District Pharmacists' Association, and has filled the office of president; he has also been from the first the secretary of the Salford Pharmaceutical Committee. During the war Mr. Simmons was co-opted to a vacancy on the Council of the Manchester Pharmaceutical Association, of which he was subsequently elected president. He is past-chairman of the district branch of the Retail Pharmacists' Union; a member of the Council of the Proprietary Articles Trade Association; chairman of the Manchester and District Branch of the Pharmaceutical Society; a member of the Salford Insurance Committee, of the executive of the Salford Chamber of Trade, and of the Salford Rotary Club. Mr. Simmons sends us the following statement:—



MR. E. H. SIMMONS

While I again offer my services as a retail pharmacist, fully cognisant of the harassing regulations and restrictions under which we labour in the conduct of our business, I cannot subscribe to any merely sectional outlook, as I am convinced the present occasion calls for every man to give of his best, no matter in what branch of pharmacy he may be engaged. In my view, a candidate anxious to participate in the wide field of pharmaceutical politics should at least have proved his ability and sincerity by an active participation in local pharmaceutical affairs.

In my previous election addresses and during my membership of the Council I have stressed the importance of more energetic measures being taken to secure early representation in Parliament, and I welcome the fact that at last we have a reasonable prospect of securing one or more representatives in the new Parliament. It was never more necessary than at the present time that men of energy and experience should be in control of our affairs.

The probable introduction of a consolidated Pharmacy Bill will provide a unique opportunity for the attempt to remove many of the anomalous conditions under which we labour; and full advantage must be taken of the occasion to secure such a measure of protection for our calling as may be commensurate with our training, education and qualification. I believe that my six years' experience as a member of the Law and Organisation Committees of the Council would be of value in the consideration of any legislative proposals, and with the organisation that may be necessary to support, amend, or oppose the same.

In educational matters, while I am in agreement with the general policy of the Council, I believe that in formulating the academical requirements of our final and higher examinations we should stress still further the practical and technical side of our training. I have always advocated a higher standard of entrance examination; and though this has now become an accomplished fact, I am convinced the Council will have to keep a careful watch over the influx of apprentices into our craft, and, if necessary, regulate their number by the introduction of a still higher entrance examination, and some supervisory control over the conditions available for their practical training. No occasion should be missed of making compulsory the employment of holders of our qualification in responsible positions in wholesale houses and institutions, or of reserving to them whatever pharmaceutical work or positions may be available as the outcome of future developments in the health service of the nation.

As chairman of the Benevolent Fund for the past three years I have endeavoured, with some measure of success, to arouse the interest of my fellow pharmacists in this beneficent branch of our work. I am convinced that with discreet but persistent publicity the fund will be able to continue to carry out the hopes and intentions of the framers of our Charter.

Mr. Walter Deacon

was born and educated at Swindon, in which town he served his apprenticeship to Mr. Silas Daniel. From



MR. W. DEACON

there he went as an assistant to Mr. T. Barton, Bridgwater, and after qualifying in 1904 became the proprietor of that business. Since then he has opened branches in other parts of Somerset, at Burnham-on-Sea, Glastonbury, Minehead, etc. He is keenly interested in the scientific side of pharmacy as well as the commercial, and is also an expert in radiography. Mr. Deacon has visited a number of local associations during the last year, lecturing on the subject of x-rays, and has broadcast on several occasions. He is a member of the County Pharmaceutical Service Subcommittee and chairman of the Somerset Branch of the Pharmaceutical Society. Public life has claimed Mr. Deacon's attention for some years past, he having been Mayor of Bridgwater three times, and being a magistrate for the borough and for the County of Somerset. He is also an alderman of the borough, a member of several local committees, and governor of two secondary schools. Mr. Deacon was secretary of the local traders' association for fifteen years, and afterwards its president. He is an experienced public speaker; and as chairman of a Parliamentary Committee who were trusted with piloting a Bill through Parliament, he has had experience that will be useful, should he be successful in becoming a member of the Council. Mr. Deacon writes that his reasons for seeking election are in substance as follows:—

He is vitally interested in retail pharmacy and optimistic about its future. He is convinced that an infusion of new blood into governing bodies is beneficial. He

realises the importance of apprenticeship problems, and is out for greater and more adequate recognition of the pharmacist. He pledges himself to do his utmost to assist in the endeavour to get far better terms for National Health Insurance dispensing, and to press for that legislation which, besides giving adequate protection to the public, will also give a higher national recognition of the pharmacist.

Mr. S. B. Eason

was born in Liverpool in 1877, and after serving a four years' apprenticeship to Mr. Frank Jones, Ph.C., in that city, had further experience in Birkenhead, Seacombe, Manchester, Crewe, Salisbury, London, Bristol and Cardiff. He passed the Qualifying examination in 1905, and two years later he purchased the business of the late Mr. H. Little at Tudor Road, Cardiff. For the past twenty-two years he has been an active member of the Cardiff Pharmacists' Association. In 1914 Mr. Eason was elected vice-president of the Association, and in the following year his fellow members showed their confidence by electing him president. He acted as secretary to the Cardiff Pharmaceutical Committee during the first three years of the National Insurance Act, during which time he did much useful spade work, and only relinquished the position on account of his health. At the present time he is vice-chairman of the Pharmaceutical Committee, a member of the Pharmaceutical Service Subcommittee, and vice-chairman of the local branch of the Retail Pharmacists' Union. Mr. Eason is a successful business man, and is keenly interested in all matters affecting the craft. His election address contains the following passages:—



MR. S. B. EASON

I have been unanimously nominated by the Cardiff and District Pharmacists' Association and the local branch of the Pharmaceutical Society as their candidate.

I am in favour of a continued educational propaganda being adopted, in order to obtain the public recognition of pharmacy. I firmly believe in pharmacy for the pharmacist, and that the dispensing of all medicines should be done by or under the supervision of a duly qualified chemist and druggist—hospitals and institutions not being excepted. I advocate compulsory membership of the Society upon passing the Qualifying examination, so as to strengthen the Society, and thus enable it to give a more unanimous decision in the event of any contingency that may arise.

In view of what may be the far-reaching efforts of the deliberations of the Departmental Committee now sitting, I shall strongly resist any attempt on the part of the Government to whittle down the powers and privileges of the Society.

I am in favour of the parliamentary representation of pharmacy, as it is essential that the Government should have the assistance and advice of men who thoroughly understand pharmacy in any legislation affecting our craft, and for that reason I should favour the Parliamentary Fund being put upon a permanent basis, preferably by the introduction of an annual Parliamentary Fund subscription.

The Regulations of the Dangerous Drugs Acts have become so complicated and irksome that some measure of relief and a simpler method of carrying them out is urgently required.

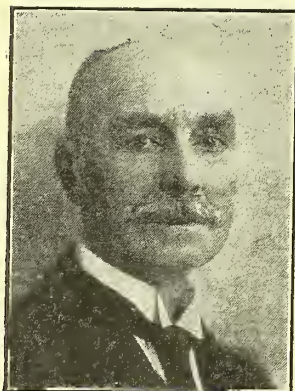
If I am elected on the Council it will be my earnest endeavour to represent all chemists through the country impartially and to stand by the qualified chemist, his title and his privileges, and for these reasons I confidently ask for your vote and support.

North London Dinner

THE annual dinner of the North London Pharmaceutical Association was held at the Restaurant Frascati, Oxford Street, W.1, on April 11. The president (Mr. D. Anderson) occupied the chair, and was supported at the top table by Mr. Herbert Skinner (president of the Pharmaceutical Society and secretary of the Association), Mr. L. Moreton Parry (vice-president of the Pharmaceutical Society), Miss Bentley, Mr. W. B. and Miss Falding, Mr. G. P. Forrester (Editor of THE CHEMIST AND DRUGGIST), Mrs. Freke, Mr. J. E. French, Mr. John Humphrey, Miss Humphrey, Mr. A. H. Jenkin, Mr. and Mrs. John Keall, Mr. and Mrs. Thomas Marns, Mr. and Mrs. A. R. Melhuish, Mr. and Mrs. Reece, Mr. and Mrs. F. G. Wells, and Miss Willis. The spur tables were in charge of Mr. Fouracre, Mr. Downing, Mr. Walters, Mr. Swanston (assistant secretary), Mr. Tocher, Mr. Hearle, and Mr. Andrew. Other guests included Mr. and Mrs. Linstead, Mr. and Mrs. Tucker, Mr. A. T. Tyler, Mr. F. A. Lawman, Mr. J. P. Gilmour, and Mr. F. Giles. A telegram regretting absence was read from Mrs. R. H. L. Watson, who is in Sark.

HOPES FOR THE FUTURE

After dinner, Mr. J. Hearle, a past-president of the North London Association, proposed the toast of "The Pharmaceutical Society," and quoted extracts from "The



MR. D. ANDERSON

Script" dealing with the work of the Pharmaceutical Society in 1928, as showing that there were two voices in pharmacy. More light on the doings of the Council of the Society was wanted, though, of course, there was a lot of work done in committee. Mr. Bennett represented them as a member for Battersea; there were several pharmaceutical candidates in the field for the coming election, and that was their first line of defence—to further protection of the public and defence of the chemist. Referring to the membership subscription, the speaker said they

did not know what might happen in the next decade, but the finances of the Society should be conserved and every pharmacist should become a member of the Society. His first contact with Mr. Skinner was when the latter was a divisional secretary of the Pharmaceutical Society and convened a meeting. Mr. Skinner had arrived at the time when he was needed, and he was known for his work as holder of various offices in London and Middlesex, as a member of the Council, vice-president of the Society, and for the past two years as president. He had not only upheld the high position of those who went before but had extended it. He had the human touch and was always ready to help the under dog. Mr. Herbert Skinner, in response, said that Mr. Hearle had told them they spoke with two voices. There were two voices—a voice to speak to hide feelings and a voice to express them, and to-night it was a case of expressing his feelings about the Society and the Branch. The energy that began the Association in a little room in the dispensary of the Royal Northern Hospital was with them to-day. For about fourteen years previously he had been divisional secretary for North Islington, and Mr. Hearle was responsible for implanting him among them. In the past three years he had attended eighty dinners—all pharmaceutical dinners—and he had travelled extensively, his trips including Canada and the United States, Ireland, Scotland and Wales. The one main thought that had pervaded his activities had been pharmacy. Recently his attention had been called to the twenty-first anniversary of the passing of the 1908 Act, which minimised somewhat the legislation of 1868. In 1907 there was an intensive campaign for the purpose of consolidating pharmacy, and then there had

been a certain amount of bitterness. It had resulted in a compromise which was still with them, but that campaign was the backbone of the present Society. In that year there were 4,000 members of the Pharmaceutical Society, and this year there were 14,000. The difference in the total number on the Register was only 5,000, yet some people had the audacity to say they had not made progress. They would continue to make progress if they stood shoulder to shoulder. He loved criticism. He was pleased to hear Mr. Hearle say that they wanted more light, but he wanted them to know that the Pharmaceutical Society was similar to a Government department administering the law. They had made their plans to meet the conditions which would arise within the next few weeks, so that all members of Parliament would know that they were an organised body. In the next Parliament there would be a new Pharmacy Bill introduced. They had a situation to face this year, and it would depend on their leadership and their capacity to back up the leadership as to whether they would succeed or go under. He himself, and the Council—he spoke for his colleagues—were determined that they would not sacrifice any more principles. They were not going to lose if the members individually would back up the Council. If they failed, they would fail in a way that would never be forgiven, and they must see that they did not fail.

TRIBUTE TO THE ASSOCIATION

The toast of "The North London Pharmaceutical Association" was proposed by the vice-president of the Pharmaceutical Society. On many occasions, Mr. Parry said, he had had to deputise for the president, but to-night the president was "at home." It was a pleasure to look round and see what a splendid organisation had been founded by Mr. Skinner. There were some older organisations with a continuous history, but the North London organisation had never rested, though there was always a tendency for older organisations to rest on their laurels. No matter how perfect a piece of machinery they built, someone must look after it. Mr. Skinner was a worker. He worked behind the scenes. They had never had such peace in the Council of the Society as in the last two years. Herbert Skinner had proved himself a leader. In handling committees he was an autocrat, but he was not an autocrat only—as one could not rule men and lead men. He (the speaker) questioned whether any president had filled the position with such ability and honour as had Mr. Skinner. Mr. D. Anderson (president of the Association), in an admirable speech, said that good wine needed no bush, and that was particularly applicable to the Association. When the report of the Inter-Departmental Committee was published there would be need to unite with the provincial and other London associations. He referred to the hard work done by the secretary and the assistant secretary. He welcomed also the visitors, and thanked Mr. Parry for the manner of proposing the toast.

At the end of the speeches the president handed Mr. Skinner a cheque for £35 as a special donation to the Benevolent Fund. Mr. Skinner, in thanking them, said that he had expected £50 from them. He wanted to put the fund on a satisfactory basis. He was proud of them, and thanked them for the donation, but he hoped they would wake up those who had not given. During the dinner the following artists contributed to the musical programme: Miss Muriel Farquhar, Mr. Burton Harpur, Rall and Tando, Mr. Lawrence Day. Dancing began at 10 p.m., and continued till midnight, with the Weona Dance Orchestra in attendance.

MINERS' DISTRESS FUND.—R. W. Greeff & Co., Ltd., Queen Street Place, London, E.C.4, have contributed £50 to the Lord Mayor's Fund for the relief of distressed miners.

CHEMISTS' NAMES SHOWN IN POST OFFICES.—The Postmaster-General has authorised as an experiment, says "The Daily Chronicle," the provision of special gazetteers in some of the principal post offices in Great Britain. These gazetteers, in the form of mahogany boards with gold lettering, will contain the names and addresses of local institutions of utility and interest, of nearest chemists, and other data that may be required by the public in an emergency.

Trade Notes

SUNSHINE REMEDIES, LTD., 8 West Halkin Street, London, S.W.1, refer to some of their leading preparations elsewhere in this issue.

THE WASP FLY-BAND, which is manufactured by F. W. Hampshire & Co. (1927), Ltd., Sunnysdale Works, Derby, is referred to elsewhere in this issue.

ARMOUR & Co., LTD., Armour House, St. Martin's-le-Grand, London, E.C.1, announce in this issue the establishment of a day-and-night service by their laboratory department.

AMAMI BONUS OFFER.—Prichard & Constance (Manufacturing), Ltd., 11 Broad Street, London, W.C.2, give details in their advertisement in this issue of a bonus offer which is available during the month of May.

VINOLIA Co., LTD., Bebington, Cheshire, have issued a special price list for the Irish Free State. The dépôt for the company's goods in that country is held by Mr. Victor E. Hanna, Lower Mount Street, Dublin.

THE "LAROLA" GIRL.—M. Beetham & Son, manufacturing chemists, Cheltenham, have prepared a highly attractive showcard, a reproduction of which, in monochrome, appears elsewhere in this issue. In the original, the fair-haired girl, with the fresh complexion and red tam-o'-shanter, excellently conveys that feeling of freshness which may be obtained by means of Larola.

EASTERN FOAM.—The British Drug Houses, Ltd., Graham Street, City Road, London, N.1, are about to commence an advertising campaign in connection with Eastern Foam vanishing cream. One of the features of the advertisements is to be reference to a beauty booklet, "Fascination," supplies of which, and the striking showcard, can be obtained free of charge from the company.

MOTORISTS' HAND-CLEANER.—Clay & Abraham, Ltd., manufacturing chemists, Liverpool, have placed on the market a cleaning preparation designed for use by motorists whose hands have for various reasons become soiled or oiled. The product takes the form of an agreeably perfumed liquid soap. It is packed in an oval tin, which is provided with a lip for pouring, and is sealed with a screw cap.

ANOTHER SPEED RECORD.—Reference has been made in the lay Press to the praiseworthy efforts of the medical staff of Victoria Infirmary, Glasgow, to save the life of a child suffering from hæmophilia. As the drug required to arrest the bleeding was unobtainable locally, a telegram was sent by the well-known chemists, Cockburn & Co., Ltd., to London, requesting that a quantity should be forwarded immediately. The manufacturer concerned was The Clayton Aniline Co., Ltd. (pharmaceutical department), 40 Southwark Street, London, S.E.1, and we understand that the drug required was Coagulen-Ciba. This occurred on Friday evening (April 12), and a member of the company's staff who was travelling north that night was entrusted with the order, which he delivered at its destination shortly after 7 a.m. on the Saturday morning.

Recent Patents

Abstracts of specifications of recently-granted patents for inventions. The complete specification (1s. each including postage) of any British patent can be obtained from the Patent Office, 25 Southampton Buildings, London, W.C.2, on quoting the name of the patentee and the number of the patent.

Pharmaceutical Products.—The process of manufacture is by treating a heterocyclic base with a hydroxylated diaryl ketonic carboxylic acid, i.e., an acid having the formula $R-CO-R^1-COOH$, in which R and R^1 represent aromatic nuclei, either or both of which contain a hydroxy group. For the manufacture of new compounds the base is melted with the acid, or the components are caused to interact in molecular proportions in organic solvents, and in this manner well defined crystalline salts are obtained, salts of hydrastinine and quinine and similar bases being obtained as yellowish-white, crystalline powders soluble in alcohol, pleasant for internal administration. (I. G. Farbenindustrie, 298,240.)

Trade Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1929, p. 333.

(From "The Trade Marks Journal," March 27, 1929.)

- "VIO-RAY MALT"; for a medicated malt product (3). By Burgoyne, Burbidges & Co., Ltd., High Street South, East Ham, London, E.6. 499,373.
- "RAVITAN"; for medicinal chemicals (3). By The Hoffmann-La Roche Chemical Works, Ltd., 51 Bowes Road, London, N.13. 500,015.
- "ANTI-JOCK"; for medicinal chemicals (3). By H. S. Murphy, 49 Maberley Road, Upper Norwood, London, S.E.19. 500,026.
- "HYDRIOL"; for medicinal chemicals (3). By May & Baker, Ltd., Church Road, Battersea, S.W.11. 500,069.
- "OSMODOR"; for essential oils for use in perfumery (4). By Schimmel & Co., A.G., Schimmelstrasse 1, Miltitz, near Leipzig, Germany. 498,272. (Associated.)
- "OKOSCOPE"; on diamond-shaped device; for cameras, etc. (8). By Okosope and Camera Developments, Ltd., 10 Lancaster Place, London, W.C.2. 499,913.
- "GRAPE OLA"; for grape syrup for flavouring (42). By United Grape Products, Inc., Liberty Bank Building, 424 Main Street, Buffalo, New York, U.S.A. 495,955.
- "DAWS" over picture of three jackdaws on circle; for beverages (42). By Daws Fruit Cordials, Ltd., 78 Claybrooke Road, Hammersmith, W.6. 499,654 (Associated.)
- "COSCUTIS"; for all goods (48). By The Coscutis Co., 146a Queen Victoria Street, London, E.C.4. 495,799.
- "JERIS"; for toilet articles (48). By A. Winarick, 49 Cannon Street, New York, U.S.A. 496,574.
- "TANAGRA" TOILET SOAP with classical picture of woman in pillared hall; for toilet soap (48). By J. Crosfield & Sons, Ltd., Bank Quay, Warrington. 496,994. (Associated.)
- "PERLAX"; for goods (50). By The British Nylonte Co., Ltd., Hale End, London, E.4. 489,492.

(From "The Trade Marks Journal," April 3, 1929.)

- "VECTOIDS"; for chemicals (1). By Vectoids, Ltd., 42 Ranelagh Road, Pimlico, London, S.W.1. 499,256. (Associated.)
- "SUNDOUR"; for dyes (1) and (4). By Morton Sundour Fabrics, Ltd., Dentonhill, Carlisle. 499,512/513. (Associated.)
- "ERAKALEN"; for chemicals (1). By I.G. Farbenindustrie A.G., 28 Mainzer Landstrasse, Frankfurt-on-the-Main, Germany. 498,824. (Associated.)
- "NICODUS"; for an insecticide (2). By Geo. Monro, Ltd., 4 Tavistock Street, Covent Garden Market, London, W.C.2. 498,593.
- "VACCONES"; for veterinary suppositories and pessaries (2). By The British Drug Houses, Ltd., 16-30 Graham Street, City Road, London, N.1. 499,335.
- "SOR-TOX RAT POISON" on device including rats and magnet; for rat poison (2). By J. W. Adan, 60 George Street, Aberdeen. 499,943.
- "SNAPPER"; for all goods (3). By Thos. Guest & Co., Ltd., 92 Carruthers Street, Ancoats, Manchester. 494,320.
- "DR. SMITH'S ANTISEPTIC THROAT AND CHEST PASTILLES" on label device including portrait of the late Dr. W. Smith; for pastilles (3). By Hall Brothers (Whitefield), Ltd., Stanley Street, Whitefield, near Manchester. B495,388.
- "VITAPAROL"; for all goods (3). By P. Dvorkovitz, 10 Victoria Street, London, S.W.1. 496,727. (Associated.)
- "BLONDENE"; for medicinal chemicals (3) and for perfumery, etc. (48). "BLONDENT"; "BLONDOL" and "BLONDENX"; for perfumery, etc. (48). By Blondeau et Cie, Ltd., Lever House, Victoria Embankment, London, E.C.4. 497,377/378/379/380/657. (Associated.)
- "PHANTOL"; for medicinal preparations for relieving pain (3). By Brothers Corporation, 103 Park Avenue, New York, U.S.A. 497,289.
- "JESUTO," "BREVIA" and "BREVITA"; for medicated preparations (3). By F. E. Coe, 88 Staines Road, Twickenham, Middlesex. 499,739/740/742. (Associated.)
- "NATUREME"; for medicinal chemicals (3). By F. C. Edmunds, 104 Drews Lane, Ward End, Birmingham. 499,905.
- "CHEMALTOL"; for medicinal chemicals (3). By Cuxson, Gerrard & Co., Ltd., 26 Fountain Lane, Oldbury. 500,446.
- "NEO-INFUNDIN"; for medicinal chemicals (3). By The Wellcome Foundation, Ltd., 67 Holborn Viaduct, London, E.C.1. 500,462. (Associated.)

Births

Notices for insertion in this column must be properly authenticated.

JOHNSTONE.—On March 27, Joan Musgave Johnstone, M.P.S. (*nee* Bayley), the wife of H. Johnstone, M.P.S., Crigglestone, Wakefield, of a son.

McCLURE.—At the Medical Hall, Hill Street, Newry, recently, the wife of A. McClure, Ph.C., of a son.

Marriages

COLE—ROWLAND.—At Plas Power Private Chapel, Wrexham, on April 10, Evelyn Basil Cole to Margaret Bromfield Rowland, elder daughter of Sir Leonard Rowland, chemist and druggist, Wrexham.

KIERAN—HAYES.—At Rathmines Parish Church, recently, Michael James Kieran, M.C.P.S.I., Drumshambo, co. Leitrim, to Alice, daughter of Dr. Bouchier Hayes, Rathmines.

LINDSAY—FISHER.—At St. George's Presbyterian Church, Blackburn, on April 1, John Lindsay, chemist and druggist, to Minnie Fisher.

MARSDEN—SEIF.—At the New West End Synagogue, Bayswater, London, W., on April 14, Sydney Archibald Marsden, chemist and druggist, Southend-on-Sea, to Cicie Seif.

POILE—HARRIS.—At the Church of St. Mary-in-the-Park, Hampden Park, Eastbourne, on March 23, Roger Spencer Poile to Alice Irene, youngest daughter of Major G. W. Harris, J.P., chemist and druggist (Walker & Harris, chemists), Canterbury.

Deaths

BILLINGTON.—At 32 Sherbourne Road, Blackpool, on April 10, Mr. John Billington, chemist and druggist, for thirty years proprietor of the Metropole Pharmacy, Promenade, aged sixty-nine. Cremated at the Manchester Crematorium on April 15.

HODDER.—On April 2, suddenly, Mr. George William Hodder, chemist and druggist, Frome, aged sixty-four. Mr. Hodder was in business at Frome for forty years. He served as chairman of the local chamber of commerce, and was an active worker at Badcox Lane Baptist Church.

IRVING.—At his residence, Rowfant Road, London, S.W.17, recently, Mr. Thomas Stableford Irving, chemist and druggist, aged seventy-four.

NELIGAN.—In Switzerland, recently, Mr. Thomas Neligan, M.P.S.I., late of Dingle, co. Kerry, Mr. Neligan passed the Licence examination in 1918.

PRICE.—On April 9, Mr. Henry Herbert Gay Price, chemist and druggist, late manager to Mr. J. F. Harrington, chemist and druggist, 15 Kensington High Street, London, W.8, aged fifty-nine.

READE.—At Lowestoft, on April 14, Mr. Oswald Alan Reade, Ph.C., aged eighty. Mr. Reade was apprenticed to a chemist in Ireland, after which he became a dispenser in the Navy, serving at Haslar, Plymouth, Bermuda, Ascension Island, and Malta. He went to Lowestoft on retiring, and was elected a member of the education committee of the borough. He was also at various times a town councillor, president of the Lowestoft Literary and Scientific Society, and vice-chairman of the public library. Mr. Reade was a Past Master of Prince of Wales Lodge at Gosport, and held Past Provincial rank elsewhere. He was a Fellow of the Linnean Society and the author of a book on the flora of the Bermudas. Mr. Reade was held in the highest esteem by all who knew him.

RHEAD.—On April 11, Mr. Alfred Rhead, Ph.C., 2 Grove Street, New Ferry, Birkenhead, aged fifty-two.

SIDEBOTHAM.—At "Ribblesdale," Rosslyn Crescent, Wembley, on April 14, Maurice Henry, the dearly loved son of Mr. and Mrs. H. Sidebotham, aged seven months.

Personalities

MR. R. BOREL, a director of Parfumeries de Paris, Ltd., Acton, London, W.3, has been appointed general manager in place of Mr. L. E. Rolland, resigned.

At the recent installation ceremony of the newly consecrated Miles Coverdale Masonic Lodge, No. 5069, Bro. C. Huxtable, Ph.C., Paignton, was invested S.D.

MR. H. E. CLEMENT, chemist and druggist, has been elected chairman of the Finance and General Purposes Subcommittee of the Middlesex Insurance Committee.

MR. STUART HIRST, director of C. E. Fulford, Ltd., manufacturing chemists, Leeds, and president of the Leeds Publicity Club, has been sworn in as a Liveryman of the Worshipful Company of Feltmakers of the City of London.

MR. W. BURROWS TRICK, J.P. (Lewis & Burrows, Ltd., London, E.C.), who has just returned from Nice after a stay of three months following an acute attack of lumbago and bronchitis, has now recovered, and is much benefited by his stay in the South of France.

MR. F. SHARPE, chemist and druggist, Selby, had an alarming experience recently when while sleeping his artificial teeth became lodged in his throat and considerable time elapsed before they could be removed. Mr. Sharpe is reported to be making good progress.

MR. J. F. LIVERSEEGE, F.I.C., Ph.C., who recently retired after twenty-seven years as Birmingham City analyst, was presented, on April 12, by the members of the public health committee with an oak bookcase and a copy of the resolution recording appreciation of his services and regret at their loss.

MR. D. ANDERSON, president of the North London Pharmaceutical Association, the annual dinner of which is reported on p. 472 of this issue, served an apprenticeship of five years to Mr. (afterwards Sir William) Baxter, in Coleraine, co. Derry, and qualified as a pharmaceutical chemist of Ireland in 1885. He came to England in the following year, and gained experience in Birmingham, Walsall, Rugby, and with Mr. Francis Carter, Carshalton, now of Bloemfontein, South Africa. Mr. Anderson qualified as a chemist and druggist from Luff and Woodland's School of Pharmacy in 1894, and after being manager of a branch of Frost and Harrison, Lee Green, for three years, opened a business on his own account in 1897 at Crouch End, London, N.8, which he still conducts.

Wills

MR. GEORGE ROBERTSON, retired chemist and druggist, Edenfield, Cupar, left estate valued at £14,529.

MR. ALFRED WILLIAM MOND, of 29 Cheyne Place, Chelsea, S.W., manufacturing chemist, left estate in his own disposition of the gross value of £28,028 17s. 1d., with net personalty £17,208 0s. 6d.

MR. EDMUND JOHN BEAL, J.P., of 16 Coventry Road, Ilford, a retired chemist and druggist, who died on February 20 last, aged 85 years, left £16,393 3s. 8d., with net personalty £12,361 17s. 8d.

Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

W/164. Aladdin depilatory	R/134. Lotus powder leaves
M/104. Blue Cross liquid	L/154. Rex hypodermic syringes
E/164. Choker's cyanide of potash	C/293. Scott's celebrated vegetable pills Nos. 1 and 2
M/236. Dr. Leon Normet's Serum	B/174. Sectifuge
C/24. Elixir Soret	S/144. Steptoplaste medicated dressing
S/84. Formic socks	K/134. Streteline for dogs
W/293. Glutrin	S/144. Vulnoplast medicated dressing
A/44. Gordon's manogan	E/164. Zymuz collar dressing
B/164. Gregory's kidney pills	
M/164. Kreemirol	

Observations and Reflections

By Xrayser III

Disappointment

will be the lot of those who read your notes on Council candidates (*C. & D.*, April 13, p. 442) with the idea of ascertaining what the individuals concerned have done for pharmacy; but it is to be feared that similar disappointment will be felt after reading the printed records of many of those who present themselves for election to positions as our representatives. The reason may be either that they have not actually done anything for pharmacy, or that they have failed to convey through their published records any clear idea of what they have accomplished on behalf of their fellow craftsmen. Without any desire to belittle the claims of any particular candidate, it appears to me that it is possible to acquire a reputation for service to pharmacy on the strength of activities in totally different directions. We must always, of course, make allowance for the fact that some of us strive more than others to induce the world to accept us at our own valuation; but it is easier to be a passenger than a worker.

Dr. Stockman's Report,

to which I referred briefly last week, is well worth the fuller consideration you have given to it (*C. & D.*, April 13, p. 446), and it is to be hoped that the effects of it may be far-reaching and lasting. It is with regret I think of the passing of the long-established oral examination with which more than twenty thousand of us are familiar, and more especially when I read of the rumour of a multiplicity of papers to be set. Why several days should be occupied in finding out what a candidate knows, by means of written papers, when an oral examination would elicit the required information in one or two days, is really beyond me to explain. Presumably the change we are witnessing is part of the concession to the university fetish, and it is worthy of note that the university rule is for two written papers and one practical paper to be set in each subject. If candidates are so far favoured by fortune that they get papers containing questions on a limited number of subjects they know all about, they pass the examination easily, if not with distinction. But some who are not so favoured by luck might have passed, instead of being failed, if they had been examined orally by a patient and sympathetic examiner.

No Blame

can attach to a chemist and druggist who, after acquiring or starting a business, finds it necessary to eke out his returns by stocking and selling goods which are neither chemicals nor drugs, and have nothing whatever to do with medicine. One of your correspondents (*C. & D.*, April 13, p. 457) makes a point of what the business of a chemist and druggist does not include; but what is a man to do if the only way of increasing turnover so as to make a decent livelihood is to add some fresh side-line to his stock? In a perfect world, it would not be necessary for any of us to sell books or lend them for profit, neither would it be necessary for us to sell any of the useful articles enumerated by your optimistic correspondent. But presumably, also, in a perfect world it would not be necessary for us to work or starve, and we might be able to subsist without effort on our professional dignity. In this imperfect, sublunary sphere we have to face the facts as they exist, and there is little comfort in the idea of passing under the medical, surgical and dental harrow in order to secure protection from competition. But is not the correct business idea to welcome competition, as being likely to lead to greater success?

Metric Weights

should, obviously, be used in hospitals for measuring quantities of substances indicated in metric terminology, and it was surprising to read in your columns of a dispenser in a well-known institution finding it necessary to convert metric into apothecaries' weight before making up a solution of a fairly potent chemical. The decimal point was blamed in this case by the coroner, but that much-abused mark was surely no more at fault than

usual. There always will be risk of trouble through misplacement of the decimal point, but there is no reason why the risk should be intensified by using apothecaries' weights for measuring metric quantities. Incidentally, it passes my comprehension that intelligent people can ascribe a continental origin to thallium or any of its salts, seeing that the element was discovered by the late Sir William Crookes in 1861, and exhibited at the London International Exhibition in the following year.

The Linguistic Specialist,

to whom you allude in your leaderette on April 13, would find an extensive field for action in the revision of the papers which appear week by week in the medical journals. The case of poisoning by thallium acetate caused me to look up its therapeutic literature, and in an article published about two years ago I met with an appropriate illustration of the need for some oversight in respect of medical terminology. Referring to the unhairing action of the preparation, the author uses three different expressions, namely, "depilation," "epilation," and "causing alopecia." Epilation is a term gradually displacing depilation in the more recent text-books. The latter has served the needs of the faculty and the laity for generations—from the days of Galen down to yesterday, except in the case of the more sophisticated physicians who may have preferred *ψιλάθρον*, the Greek equivalent of the more common "depilatory." Perhaps the expert with a free hand might lessen the evil, but I am rather doubtful. Thallium acetate gives point to the complaint concerning another objectionable matter, namely, the deplorable practice of expressing weights and measures in metric denominations side by side with those of the apothecaries' system. Here is an example taken from a well-known book of reference:—"Epilation in Ringworm . . . Dose—[of thallium acetate] 8 mgr. per kilo dissolved in water 2 ounces, *per os*, has been suggested. A child of 3 stone [sic] would thus receive 180 mgr. (3 grains approx.)." I cannot understand why hundredths of a grain per pound should not answer the purpose better than milligrams per kilo. Physician and dispenser would be much less likely to go astray, and the wide approximations shown in this illustration would not ensue. There is, I am sure, in these matters too much affectation and too little common sense.

Medicamenta Depilatoria

were in regular demand among the Greeks and Romans, and their use was not altogether restricted to medical purposes. The formulas given by Galen in his "*De Compositione Medicamentorum Secundum Locos*" (in the first book), have persisted, with some modifications, down to quite recent times. The two sulphides of arsenic, orpiment and sandarac, together with quicklime, were the essential ingredients. The use of them in Rome in the time of Pliny the Elder must have been considerable if we may judge from his eagerness to attribute depilatory virtues to everything having any reputation of that kind. He states that "the earth found in or about a man or woman's skull is a singular depilatory and fetcheth away the hair of the eyebrows." Fantastic recipes for this purpose are found in modern times also. The two following ones are taken from a treatise by Christopher Wirtzung, of which an English translation was published in London early in the seventeenth century. (1) "Take a pint of wine, drown twenty green frogs therein, or as many as can be drowned therein, then set the pot forty dayes in the warm sun: afterwards strain it hard thorow a cloth, anoint the place therewith where you will take away the hair." (2) "Make the place often times moist with the juyce of yellow Lillies, which is wilde Flower-de-luce. Take Ants' eggs, and rub the place therewith, wherein you would have the hair taken away, it will fall off and grow no more again." The employment of ants' eggs was pretty general. These preparations were not so painful as those of which the *Drapax depilatorium* was an example; these latter were compounds of pitch and resins, and were used by being melted and spread upon the hairy place, covered with a cloth, allowed to cool, then, after a time, the whole was violently plucked off with the adherent hairs.

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Editorial Articles

The Budget

No one who listened to the budget speech of the Chancellor of the Exchequer would require to be reminded that it was made under the shadow of an impending general election. A large part of it was taken up with a recital of the benefits the taxpayer has derived from the fact that during the past five years the fiscal destinies of the country have been in Mr. Churchill's keeping. But for the budget proposals proper, there seems general agreement that they are commonplace. The explanation of this may be that Mr. Churchill looks forward to the return of his party to power at the forthcoming election, and so is reluctant to do anything to create a difficult situation for the Chancellor of the Exchequer in the new government. The general policy followed was one of distributing over as wide an area as possible the benefits which a very moderate surplus placed at his disposal. This was used to take away altogether the duty upon tea and the railway passenger duty—though in the case of the latter on the understanding that the capitalised value of the tax remitted to the railway companies should be used in improving transport facilities. The ill-starred betting tax was repealed, involving an estimated loss of about £1,000,000 to the Exchequer, although its place is taken by a tax on the bookmaker himself supplemented by a tax on each of the telephones he uses. The arrangement must be looked on as in the nature of a makeshift, for which nothing else could probably be devised in the present chaotic state of our gaming laws. Immediate rating relief is to be given to agricultural land, to which, as at first proposed, relief should be granted as from October 1 next. Some minor remissions of motor-car duties are allowed to motor-bicycles, to some types of goods vehicles, and to vehicles fitted with pneumatic tyres, while an increase is made in the grant towards certain road schemes. Lastly, the Chancellor turned his attention to the liquor industry, treating his subject with politic circumspection. The licence duties now in force for licences to retail spirits, beer and wine were fixed by the Finance (1909-10) Act, 1910, at a time when the hours during which liquor could be sold in licensed houses far exceeded those now permissible. Under the budget a reduction of one-fourth is to be made on all on-licence duties as from October 1 next, subject to a certain minimum rate. In the case of off-licences the concession is to take the shape of permission to the holders of them to sell single half-bottles of spirits instead of a reputed quart which is the minimum quantity that may now be sold under such a licence. Under his Finance Act of last year provision was made for a substantial relief from rates being given to certain heavy industries, a definition within which breweries, distilleries and tobacco factories fell. This result was

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fixed upon by organisations hostile to the liquor industry, and the favour denounced as an unworthy truckling to powerful and prosperous businesses. The outcry raised against the concession has evidently had its effect; and although the derating provisions of last year's Act as regards these industries are to continue in force, they are to be offset by an increase to be made in the rates of licence duties which have to be paid by brewers, distillers, and tobacco manufacturers. One further special feature of the budget remains to be noticed. Its provisions are to be given effect to by two Finance Bills instead of one. One of these will be introduced now to legalise what are looked upon as non-contentious proposals. It will deal with the repeal of the tea duty, the betting tax and the railway passenger duty, and will make the necessary provisional arrangement for the working of the income-tax machinery. The second of the Finance Bills will only be introduced in the new Parliament, which it is expected may come together in June or early in July. The fortunes of electoral warfare may therefore bring about the extraordinary result that the budget proposals of one Chancellor may pass into the keeping of another Chancellor who is out of sympathy with them and who yet may be bound, if the fiscal machine is to be kept working, to secure their acceptance by the new House of Commons. Such an event would be of interest to students of our constitution, and its outcome should deserve to be noted. It goes without saying that the Chancellor's proposals have called forth adverse criticism; but up to the present this has not been formidable. One item in the comments of a leading London daily must have excited the amusement of the Chancellor if he has read it. He was given a qualified measure of praise for having granted authority to off-licence holders to sell spirits in half bottles, thereby (as the critic had it) making a breach in the dyke of restrictions erected around us by that unamiable female, "Dora." As a matter of fact the restriction in question is to be found embedded in the Finance (1909-10) Act, 1910, some years before "Dora" came to harry our souls.

Trade in Oilseeds and Oils

SINCE the cessation of the unusually severe weather experienced in February and the earlier part of last month, which rather badly handicapped Continental crushers' operations on account of serious transit difficulties, there has been a return to more normal working conditions. This has obviously facilitated a freer handling of seed supplies, which after having accumulated at ports of arrivals were very welcome to crushers. Under the rather protracted handicap referred to, the Continental markets were particularly firm, while in the case of linseed oil, the suspension of Continental offers to this side within the critical period tended to strengthen the position of home crushers, despite re-sales of seed on a certain scale on Continental account. Within the last few weeks home trade conditions have felt the effect of freer competition in linseed oil between Continental and British mills for near months, with the spot price naked ex mill fluctuating down to about £29 per ton, which is well over £1 per ton below the figure ruling at about the end of February last. At the reduced level, trade buying has expanded somewhat more freely, and in the face of the remarkable stability of the seed market under the continued liberal purchases made by the United States from the River Plate, even at some premium for forward shipment, there has been indication of fresh speculative interest in distant oil at figures standing fully £1 a ton over the spot value. It is not expected that the exportable surplus of the new season's Indian crop will be in excess of that

last year, which amounted to approximately 170,000 tons, or that there will be any pressure of offers from that quarter, where shippers have become accustomed to secure a stiff premium for their seed for the Far Eastern markets (including Australia), which country is now also taking cargo seed from the Argentina. A steadying factor is that linseed is now moving in large quantities to crushing centres, and the liberal supplies afloat, which are, however, considerably less than at this time last year, are not regarded as excessive, while Argentine seed has been selling lately quite freely at £15 17s. 6d. a ton in practically all positions. This year, so far, the quantities of this seed diverted to North America have been on a very large scale, and only a small Canadian surplus is available for shipment after the reopening of navigation from the St. Lawrence. The outlook as regards consumption for seed oils generally is rather more encouraging than it has been for some months past, and crushers seem fairly well assured of more prosperous conditions in the current year, while general industrial prospects have brightened up considerably of late. The absorbing capacity of the home industry has been more progressive compared with the previous year. This is reflected in the accession of supplies of raw materials as given below, covering the first two months of the year:—

U.K. imports (tons)	February 1928	February 1929	Jan.-Feb. 1928	Jan.-Feb. 1929	Increases or Decreases
Linseed ..	29,091	37,799	50,296	55,158	+4,862
Cottonseed ..	77,605	52,431	122,179	123,672	+1,493
Soya beans ..	11,480	12,770	34,349	27,216	-7,133
Castor seed ..	3,747	998	521	4,457	+3,936
Rapeseed ..	1,910	125	3,935	1,653	-2,282
Groundnuts ..	16,213	20,070	22,789	28,772	+5,983
Copra ..	4,226	6,420	10,219	15,599	+5,380
Palm kernels	13,899	18,216	30,707	32,694	+1,987
Total ..	158,171	148,821	274,995	289,221	Net increase 14,226

It will be seen that there has been a general increase in the receipts except for soya beans and rapeseed, but the setback in the former is presumably only ephemeral, as this country should be well able to compete with other world crushers. Linseed incomings were at a high rate, indicating an increase of 4,862 tons against January-February last year, and the increase compared with 1927 is over 21,000 tons. There was a decrease in cottonseed receipts for February against last year, which were exceedingly heavy, but the total for the two months is up on balance at 123,672 tons. On account of the very liberal new Egyptian crop movement there has been some selling pressure occasionally from Alexandria which has been weighing down the price of black Egyptian, in the neighbourhood of £9 5s., but the market is showing some little resistance, while the final forecast of the Indian cottonseed crop shows a considerable deficit, compared with the previous season. There has been a setback in cotton oil values under a generally dragging trade demand, the cost of Egyptian crude oil having eased steadily within the last few months to about £27 a ton on the spot, on the basis of which rather more interest has become apparent. There was a large increase in the arrivals of castor seed in February, which for the two months at 4,457 tons indicate an excess of 3,936 tons compared with the same period last year. This affected castor oil, while the recent considerable American demand for the seed would seem to have been largely satisfied. Mill operations in ground nuts, copra and palm kernels have been well on the increase again this year on the considerably augmented purchases of these important oil-bearing products, which is a very satisfactory feature, the combined total receipts for the two months denoting an excess of well over 13,000 tons, against the corresponding figures for last year.

Book-Keeping for Chemists

By S. Howard Withey, F.C.I., etc.

IV.—The Recording and Classification of Trade Purchases

FOR the double purpose of ensuring that supplies of drugs, patents, photographic materials, fancy goods, etc., required by customers can be obtained by them when asked for, and to prevent the stock from diminishing beyond that which experience proves to be necessary to carry, the chemist should keep a stock order-book for entering the quantity or number required from time to time under any particular heading, and the name of the assistant authorising the order. This book could also be ruled with a section for office use, showing the name of the person, firm, or company from whom the goods or articles have been ordered, the order number, the date on which the goods or articles actually came to hand, and a column for any observations or remarks connected with the transaction.

Generally speaking, it will be distinctly advantageous to make out the official orders in triplicate. When this is done, the original form can be sent to the manufacturers or suppliers, and one copy passed on to the clerk for use in verifying the accuracy of the details enumerated on the different invoices received, the second copy being retained in the order-book for purposes of future reference. Some chemists will prefer to leave these second copies unpriced. It is, of course, one thing to order goods, and another thing to effect a systematic control over the goods when they arrive on the premises. In the first place, a delivery note, showing the name of the senders, details of the goods, etc., sent, and the order number, should accompany the goods, enabling them to be checked and recorded in an inwards book. When this has been done, an entry should be made on the left-hand side of a stock-book, which could be ruled with columns for the insertion of the date of receipt; the order number; the name of the suppliers;

the price; and the total amount. If a stock-ledger is kept, the stock-book should be provided with a ledger folio column. Particulars of all drugs, etc., issued from stock should be entered on the right-hand side of the stock-book, separate columns being ruled for the date of issue; the requisition number; the order number; details of the drugs, etc., issued; the quantity; price, and amount; and where applicable, a ledger folio column. By showing the order number against each entry, the drugs, etc., are much more likely to be charged out at their actual invoiced prices than is the case when the order numbers are ignored.

By keeping a stock-ledger containing separate accounts under different headings, such as "Drugs," "Patents," "Factory," "Photographic," "Fancy Goods," "Groceries," "Sundries," etc., the actual stock on the premises can be readily ascertained. To do this each entry made on the left-hand side of the stock-book should be transferred to the debit side of its respective stock-ledger account, and each entry made on the right-hand side of the stock-book transferred to the credit side of its proper ledger account. Items recorded in the rejections book will be transferred to the credit side of their particular accounts, the balances of which at all times should exactly correspond with the stock on the premises under those headings. To cover leakages, wastages, turn of the scale, etc., a small percentage, such as $2\frac{1}{2}$ per cent., should be added to stores weighed out in small quantities from the bulk, as recorded on the right-hand side of the stock-book. The following is a good general ruling for the stock-ledger:—

DEBIT SIDE

Date Received	Name of Suppliers	Folio	Quantity						Price	£	s.	d.

CREDIT SIDE

Date Issued (or Rejected)	Issued to	Folio	Quantity						Price	£	s.	d.

particulars of the drugs, goods, or articles supplied; the quantity; the price; and the total amount. If a stock-ledger is kept, the stock-book should be provided with a ledger folio column. Particulars of all drugs, etc., issued from stock should be entered on the right-hand side of the stock-book, separate columns being ruled for the date of issue; the requisition number; the order number; details of the drugs, etc., issued; the quantity; price, and amount; and where applicable, a ledger folio column. By showing the order number against each entry, the drugs, etc., are much more likely to be charged out at their actual invoiced prices than is the case when the order numbers are ignored.

Many chemists now find it useful to stamp all invoices received by them with a rubber or other suitable im-

pression. The stamp should provide for the signature or initials of the assistant receiving the goods, and should show by whom the quantity, prices, discounts, calculations, etc., have been checked; by whom the invoice has been approved and passed for payment; together with the folio of the stock-book and that of the purchases book or bought journal. Until such time as an invoice has been carefully compared with the copy of the order, and the price and discount have been checked, it should not be approved or passed for payment. In the case of a large business, where the number of rejections during the year is considerable, it will be advisable to keep a special rejected book. This book could be ruled with columns for the insertion of the date on which the goods or articles were actually returned to the manufacturers or suppliers; the original order number; the name of the suppliers; details of the goods, etc., rejected; the quantity, number, etc.; the cause or causes of rejection; by whom returned; and a column for the number or date of the credit note.

Apart from the stock-books, etc., referred to above, all purchase transactions will have to be properly recorded in the chemist's financial books. In this connection the method of entering cash purchases will not be identical with the method adopted for the recording of the credit purchases, although both kinds of purchases will fall under the same general heading or headings in the final accounts. When goods are bought and paid for, either cash with order or cash on delivery, the transaction should be recorded on the right-hand or credit side of the general cash book, the amount paid being shown in the "Cash" column and posted direct to the left-hand or debit side of the purchases account. When posting such items, the folio of the cash book should be inserted against the entry in the impersonal

ledger and the ledger folio shown against the entry in the cash book. Unless the chemist desires to ascertain the amount of gross profit made under two or more headings, one general purchases account opened in the impersonal ledger will suffice. All drugs, goods, and articles of any kind or description bought by the chemist on credit should be recorded in a purchases book or bought journal. This book should be provided with a sufficient number of classification or analytical columns to enable each transaction to be shown under its most appropriate heading. One ruling is shown below:—

Date	Invoice Number	Name of Suppliers	Ledger Folio	Total	Drugs	Patents	Photo	Fancy Goods	Sundries

The total amount shown on each invoice should be entered in the "Total" column, and also extended under its particular heading in the analysis. In some instances it will be necessary to dissect the invoice total in order to ascertain the exact amounts to be extended, and a good check on the accuracy of the different entries is afforded by seeing that the totals of the classification columns at the foot of each page correspond, when added together, with the figure shown in the "Total" column. In every case, the amount recorded in the "Total" column will have to be posted to the credit side of the supplier's personal account kept in the purchases or bought ledger. These ledger entries should give the date of the invoice, the words "By Goods," and the purchases book folio, the page on which the account appears in the ledger being afterwards inserted against the original entry to show at a glance that the amount has been actually posted. Upon no consideration should a ledger folio be set down against an item in the purchases book until the amount has been transferred to the ledger. If one general purchases account is deemed sufficient, the monthly totals of the

purchases book should be transferred to the debit side of that account, with the date, viz., the last day of the particular month, the words "To Sundries, per Purchases Book," and the folio. But if separate goods or trading accounts are kept, the monthly total of each classification column will be transferred to the debit side of an account bearing that name. Purchases which have the effect of increasing either the number or the total value of the chemist's assets employed for profit-earning purposes should be extended into a special "Capital Expenditure" column, ruled in the purchases

book. At the end of each month, the total amount shown in this column will probably have to be split up for the purpose of ascertaining the correct sum to be debited to each particular asset account kept in the chemist's private ledger.

In addition to the columns already indicated many chemists prefer to use a purchases book which has been ruled by the printers with extra money columns for the systematic analysis of the various management and working expenses as they fall due. For example, in addition to columns for "Drugs," "Patents," "Photo," "Fancy Goods," and "Sundries," separate columns could be used for "Rent, Rates, and Taxes," "Gas, Water, and Insurance," "Postages and Stationery," etc., the monthly totals of these expenses columns being transferred to the debit side of their proper accounts opened in the nominal or expenses ledger. Before extending such expenses into their classification columns, the total amount should be recorded in the "Total" column in each case, and posted direct to the credit side of the particular creditor's account kept in the ledger.

Corner for Students

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students," *The Chemist and Druggist*, 42 Cannon Street, London, E.C.4.

(Concluded from C. & D., April 13, p. 450)

TO CORRESPONDENTS

H. FINGERHUT.—Before you added ferric chloride in the phosphate separation, a precipitate of aluminium phosphate should have been observed on the addition of ammonium acetate and acetic acid. Chloride was not present as impurity, and freshly prepared solution of potassium ferrocyanide did not give any indication of traces of iron. Do not omit the borax bead test even in the case of a quite colourless substance.

R. V. MOORE.—Read the first sentence of the above reply.

PERCY.—After adding barium chloride as a test for sulphuric acid radical, allow ten minutes to elapse before concluding that no precipitate has been formed. Barium sulphate frequently appears slowly. Thanks for your appreciation.

SODII SALICYL.—It would seem from your report that both the aluminium and the calcium were eliminated along with the phosphoric acid radical, and were overlooked in the precipitate of ferric phosphate and basic acetate.

JACKO AND RESIDUE.—There has been a flaw somewhere in connection with the test for phosphate; either the reagent was not in working order or your mode of applying it was faulty. Make some experiments with

known phosphate solutions. The blue coloration with cobalt nitrate, which you reported as proving the presence of aluminium, was mainly due to the phosphate.

GORDON.—The precipitate which led you to report a trace of zinc probably consisted of sulphur due to the oxidation of hydrogen sulphide. Potassium was not present.

ELEVEN.—It is impossible to reconcile your account of various indications of a chloride with the fact that chloride was entirely absent. The presence of chloride in the sodium carbonate you used could only explain some of the positive reactions you report.

SHELLEY.—It does not appear that you applied any test for a phosphate. This is an omission which affects the appropriate further treatment of the substance under examination.

CANTAB.—Carbonic acid radical was present in relatively large proportion, and its detection by the usual method was not difficult. Perhaps the lime-water you used was too dilute, owing to slow absorption of atmospheric carbon dioxide.

PHOSPHENE.—As we read your report, you seem to represent ammonium chloride and excess of ammonia as giving a precipitate in the filtrate from ferric phosphate and basic acetate in the phosphate separation, which precipitate might consist of barium group or magnesium phosphate. This is clearly impossible after the removal of the phosphoric acid radical; but we are not quite sure that our reading represents correctly what you wished to convey. The filtrate in question should contain metals of the zinc, barium, magnesium, and alkali groups only, and should not be precipitated by the reagents named above.

Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts

Local Reports

ENGLAND AND WALES

Devon.—At a recent meeting of the Devon Insurance Committee, the Dispensing Subcommittee, having considered correspondence arising out of Article 10 (2) of the Medical Benefit Regulations, 1928, relative to the dispensing arrangements in respect of insured patients resident at two adjacent towns in the county, noted that the dispensing service for the district concerned had been carried on from the commencement of medical benefit up to the present time by the local doctors, and that a qualified chemist having a shop in the same district had joined the Committee's list in the latter part of 1928. The doctors concerned pointed out that they were not opposed to the dispensing being now undertaken by the chemist, but that they were of the opinion that a change would not meet with the approval of the insured persons concerned, and they put forward the contention that as the walking distance between the chemist's shop and these places exceeded a mile (owing to the intervening waterway) the chemist was not entitled to claim to dispense for them. The Subcommittee were of opinion that the definition of the chemist's area should be "a mile radius from his shop," and they decided to recommend:—(a) That as the places in question fall within the mile radius as contemplated by the Regulations, the chemist is entitled to dispense for insured persons resident at these addresses (as well as for the other places already transferred to him by agreement); and (b) that the consequent transfer of the dispensing from the doctors to the chemist should not be carried out until after the end of the present quarter. Mr. R. Coombe mentioned a hypothetical case of a person living one side of a waterway having to walk three miles and cross a bridge in order to get to the chemist on the other side. He suggested that it was unfair that an insured person should have to walk such a long distance. The chairman (Mr. Rowsell) said that cases of that nature would be considered on their merits. The report was adopted.

Preston.—Statistics placed before the Insurance Committee showed that 55,000 insured persons on the panel in 1928 received over 300,000 prescriptions, the average cost of which was 8½d., and the cost per insured person 4s. The total cost of medicine for the year was £10,944, £1,000 less than 1927, when 20,000 more prescriptions were issued. From 1916 to 1921 the average prescriptions were 14.3 per cent. less than 1928, and 15.3 per cent. less in the average cost. Figures for industrial towns in the North-East Lancashire area show increases in 1928 over the five years' average of 10.3 per cent. in prescriptions issued, 8.9 per cent. in cost per prescription, 67.9 per cent. in frequency, and 81.6 per cent. in cost per head.

Smethwick.—At a meeting of the Insurance Committee, held on March 26, the Benefits Subcommittee gave the following statistics for the quarter ended December 31, 1928, compared with the same period of 1927:—

	1927	1928
No. of prescriptions ..	43,930	43,713
Cost of ingredients ..	£653 11s. 0d.	£630 11s. 0d.
Cost of dispensing fees ..	£795 14s. 10d.	£802 12s. 3d.
Average cost of ingredients ..	3.6d.	3.5d.
Average dispensing fee ..	4.3d.	4.4d.
Average cost per person ..	10.7d.	9.7d.
Average number of prescriptions per person ..	1.35	1.23

During the quarter ended December 31 64 prescriptions for insulin were issued, at a total cost of £44 14s. 5d., and the cost of serums and vaccines during the same period was £12 16s. 10d. for 51 prescriptions. The report of the Committee's analyst with reference to a test prescription for *copaiba* 240 gr., liq. *potassæ* 240 min., mist. menth. pip. ad 8 fl. oz., indicated that there was a deficiency of 2.7 per cent. of *copaiba*, and 25 per cent. of the liq. *potassæ*. The *copaiba* in the sample has been completely emulsified by the quantity of liq. *potassæ* dispensed. The chemist was present at the hearing, and explained that

potassium hydroxide was deliquescent. The Pharmaceutical Service Subcommittee were of the opinion that it is ordinarily impossible for a chemist to guard completely against the deliquescence of this chemical, and were satisfied that all reasonable care was exercised. Another test showed a deficiency of 21 per cent. of liq. *potassæ* for the same prescription. The chemist concerned was present, and although the second portion of the mixture had been forwarded to an analyst, whose report had not yet been received, he did not deem it necessary to apply for an adjournment of the hearing. The respondent stated that he was at a loss to explain the deficiency of the liq. *potassæ*. The Subcommittee were satisfied that all reasonable care in dispensing had been exercised, and that the deficiency was due to the action of the atmosphere on the potassium hydroxide. Another identical test prescription was accurately dispensed. A report from the Manchester Testing House with regard to cotton-wool, indicated that the sample was wrapped in accordance with the requirements of the drug tariff, that it conformed to the requirements of the B.P.C., but the net weight of the sample was 1.85 oz., instead of 2 oz. The Subcommittee do not consider it necessary to take any action, in view of the fact that the chemist in these cases supplies the article exactly as received, and the Committee have no authority to approach the wholesalers on the matter. A letter was received from the Ministry of Health with regard to the Committee's decision in a previous case. The Ministry stated that breaches of the terms of service disclosed by the report warranted the imposition of a monetary penalty. A reply has been addressed to the Ministry stating that in the circumstances the Committee considered that the respondent was guilty of an error of judgment rather than a deliberate evasion, and that a censure would meet the case.

SCOTLAND.

Drug Accounts Committee (Scotland)

The following is a comparative statement issued by the Drug Accounts Committee (Scotland) of the National Health Insurance prescriptions issued throughout Scotland during January 1928 and 1929:—

1928						
			Number of forms	Value		Average price per form
Burghs	..	..	164,577	£9,033	7 9	13.17d.
Counties	..	..	93,130	5,235	18 8	13.49d.
Scotland	..	..	257,707	£14,269	6 5	13.28d.
1929						
Burghs	..	..	275,067	£14,236	19 10½	12.42d.
Counties	..	..	130,071	6,825	16 2	12.59d.
Scotland	..	..	405,138	£21,062	16 0½	12.47d.

The above figures do not include prescriptions for insulin.

Aberdeenshire.—A meeting of the Aberdeenshire Insurance Committee was held on April 5, when it was reported that the number of samples taken under the testing scheme was twenty, with four appliances. No case was referred to the Pharmaceutical Service Subcommittee. The Chairman said they were satisfied that the drugs as dispensed to the insured persons in the county were thoroughly satisfactory in every respect. Provost Taylor (Inverurie), seconding, said the drug testing had been a pretty costly business to the Insurance Committee, but he thought the result had quite justified it. The analysis had proved that the insured persons got equal justice with the others. The report was adopted. The Medical Benefit Subcommittee submitted a statement with regard to prescriptions issued for the nine months ended September 30, 1928. The Subcommittee noted that the statement for three months of last year showed a slight improvement on that for the first six months of the year.

Japan's Foreign Trade

THE monthly return of the foreign trade of Japan for December 1928, which has just been issued, also gives the complete figures for the past three years inclusive. The total imports of merchandise for 1928 amounted to 2,196,314,727 yen, against 2,179,153,858 yen in 1927 and 2,377,484,493 yen in 1926. Exports and re-exports in 1928 were valued at 1,971,955,352 yen, against 1,992,317,165 yen in 1927 and 2,044,727,891 yen in 1926. The grand total of imports and exports is, therefore, 4,168,270,079 yen in 1928, compared with 4,171,471,023 in 1927 and 4,422,212,384 yen in 1926. The following items are of interest to the chemical and drug trades:—

EXPORTS

Article	1926	1927	1928
Soya beans .. 100 kin	37,092	48,928	42,857
Ground nuts	2,731	2,157	4,931
Rape and mustard seed ..	20,537	21,965	20,264
Linseed	500	—	—
Ginger, dried	—	—	11,258
Agar-agar kin	1,806,145	1,815,527	2,149,749
Soy koku	15,292	17,236	21,358
Linseed oil 100 kin	2,426	2,616	2,989
Coconut oil	338	443	255
Groundnut oil	144,266	83,749	81,528
Colza oil	228,358	237,449	76,665
Cotton oil	7,942	5,450	3,899
Camphor oil	26,552	22,488	35,233
Peppermint oil	4,791	4,128	4,048
Fish and whale oil	330,268	604,151	619,271
Wax, vegetable	35,966	53,012	44,843
Soap, toilet dozen	1,464,029	1,410,205	1,954,242
Soap, other kin	481,611	234,681	782,548
Toilet cream yen	655,209	617,308	601,034
Perf. water and hair oil .. dozen	342,676	373,649	373,760
All other toiletries yen	2,059,961	960,653	1,423,873
Drugs, chemicals, medicines, etc.	41,863,331	37,882,814	38,309,267
Ginseng 100 kin	770	1,170	393
Insect flowers	66,348	68,359	104,548
Glue	18,337	17,917	19,662
Sulphur	67,975	64,280	88,706
Iodine kin	48,730	51,191	42,712
Acetic acid 100 kin	1,383	803	611
Sulphuric acid	84,748	135,219	122,664
Nitric acid	34,135	43,104	43,515
Arsenic	—	—	345,700
Soda sulphide	87,782	111,707	85,921
Potash iodide kin	29,273	4,508	12,269
Potash chlorate 100 kin	12,454	4,995	334
Calcium carbide	30,772	40,741	43,930
Camphor	50,382	36,741	36,607
Menthol	5,287	4,732	3,235
Menthol cane dozen	176,668	220,798	155,734
Insect powder 100 kin	4,093	8,032	9,498
Joss-sticks	—	—	110,100
Tooth powders and pastes .. yen	592,023	712,317	768,939
Toilet powders and pastes ..	295,463	251,075	250,588
Other perfumery	955,231	873,825	391,686
Gauze, wadding and bandages .. yen	466,292	464,400	482,215
Prepared medicines kin	1,327,916	1,159,817	1,347,193
Other drugs, chemicals, etc. .. yen	5,815,373	6,087,723	5,587,917
Coal tar dyes kin	791,201	817,235	1,943,567
Metal powders	157,417	145,077	192,534
Lead, red 100 kin	174,800	148,400	185,500
Inks	106,200	117,400	148,400
Paints	203,600	191,900	186,500
Hair brushes dozen	426,248	314,172	377,372
Tooth brushes	3,978,930	3,615,379	3,676,545
Nail brushes	166,168	186,118	117,165

IMPORTS

Article	1926	1927	1928
Soya beans 100 kin	7,021,021	6,635,326	7,799,463
Ground nuts	195,269	182,879	195,227
Sesame	243,846	291,408	349,872
Perilla	175,347	729,836	112,236
Rape and mustard seed ..	1,707,914	682,629	441,936
Linseed	120,753	152,588	286,009
Hemp seed	314,278	253,198	215,595
Castor seed	124,840	155,804	227,719
Cotton seed	955,992	929,804	1,193,595
Tonic foods kin	261,429	249,234	312,969
Essential oils	689,440	493,504	495,003
Turpentine litre	398,841	452,997	396,186
Castor oil kin	331,879	1,267,809	3,869
Olive oil yen	162,297	165,958	125,828
Cotton oil kin	517,803	590,127	670,678
Wood oil	734,507	785,694	884,859
Stearin	442,958	527,669	764,610
Olein yen	212,189	222,240	109,290
Vaseline kin	1,028,175	866,482	1,116,446
Paraffin wax (m.p. below 45° C.) .. 100 kin	74,073	63,928	80,243
Paraffin wax, other	260,507	258,521	272,519
Soaps yen	185,576	161,952	197,661

IMPORTS—continued.

Article	1926	1927	1928
Oils, fats, waxes, perf. and preps.	107,421	113,942	168,636
Perf. waters kin	80,074	68,511	111,445
Hardened oil	—	1,171,693	2,109,047
Other oils, fats, waxes, etc. ..	—	1,392,877	2,051,343
Drugs, chemicals, medicines, etc.—			
Hops kin	598,359	764,403	757,429
Liquorice 100 kin	31,227	29,231	32,380
Cinchona kin	1,038,170	899,668	608,418
Tanning materials 100 kin	222,266	176,922	196,990
Tanning ext.	106,696	108,514	117,200
Gum acacia kin	1,605,456	906,603	1,454,443
Shellac	1,721,696	1,133,464	2,128,337
Resin 100 kin	308,349	297,071	351,880
Other gums	344,400	298,500	337,500
Glue	189,100	164,700	178,400
Gelatin kin	253,949	186,233	243,757
Boric acid	1,724,083	1,392,651	1,462,471
Tartaric acid	277,126	323,806	686,922
Salicylic acid	356,901	195,407	404,641
Acetyl salicylic acid	126,901	277,267	186,914
Carbolic acid	1,553,094	1,212,798	1,088,579
Citric acid	148,476	98,476	120,970
Caustic soda, crude 100 kin	603,470	682,429	1,018,724
Soda ash	610,570	1,673,896	1,310,810
Soda, bicarb.	1,207,300	1,282,900	1,192,500
Soda, nitrate, crude	1,066,368	924,080	877,395
Soda cyanide and pot. kin	857,338	995,399	1,046,204
Soda borate 100 kin	567,100	606,500	814,800
Pot. chloride, cr.	949,000	2,180,200	3,683,100
Pot. sulph. cr.	4,459,700	5,276,400	5,850,500
Pot. chlorate	609,800	492,700	429,900
Pot. bichrom.	59,400	72,800	75,400
Soda bichrom.	200,900	139,200	226,700
Ammon. chlor.	514,000	414,800	490,800
Ammon. sulph., cr. 100 kin	4,933,778	4,166,908	4,741,341
Calcium carb. kin	667,523	1,012,423	753,356
Calcium acetate	136,966	112,392	150,138
Formalin	1,988,656	2,085,836	559,064
Methyl. alcohol	982,108	1,898,758	2,804,871
Glycerin	2,595,792	2,976,423	3,869,328
Milk sugar	466,645	639,629	516,044
Naphthalin	2,355,440	2,260,759	2,092,644
Coal tar distillate	—	1,264,070	2,425,310
Chem. prod. derived from coal tar dist. yen	2,278,288	2,220,474	2,628,794
Aniline kin	1,255,487	561,818	51
Other yen	1,863,813	2,027,714	2,628,752
Antipyrine kin	61,443	41,281	67,420
Pyramidon	—	69,811	61,486
Quinine hydro. and sulph. gram.	7,795,229	5,026,335	9,670,215
*Morphine hyd. and sulph. ..	51,113	—	—
*Cocaine	—	—	—
Casein kin	—	2,305,924	1,900,528
Alcoholic med. preps. .. litre	98,515	79,061	116,475
Aromatic chemicals yen	101,186	103,013	105,103
Tooth powders and other prep. perfume yen	409,197	351,406	479,374
Opium kin	24,252	16,003	11,673
Other drugs, chemicals yen	14,816,578	9,738,187	10,313,392
Other compounds or drugs, chemicals and medicine yen	2,424,851	2,814,128	3,129,667
Logwood ext. kin	900,335	797,240	1,240,895
Indigo, artificial	1,930,937	1,685,392	1,296,399
Cobalt oxide	57,108	83,070	77,221
Carbon, black	1,973,977	2,554,348	3,739,554
Mercury	545,801	449,293	714,584
Surgical instruments yen	905,929	713,236	403,648
Photographic instruments ..	295,933	461,779	1,013,031

Kin = 1½ lb. Yen, 2s. (nominal).

Koku = 39.6 imperial gallons.

* No figures published.

A WRONG USE OF ADHESIVE PLASTER.—“A set of unfeeling ruffians are now in the almost nightly habit of practising what they no doubt consider to be, in their slang phrase, a ‘good lark.’ . . . We allude to the inhuman trick of frightening females and youths by suddenly clapping sticking plasters on their mouths, as if they were about to be ‘Burk’d,’ as the term now is. . . . Yesterday evening, shortly after dusk, a female was assaulted upon Blackfriars Bridge in this cruel manner, and nearly fainted away from the fright, although the scoundrel who assailed her ran away on the instant, leaving the plaster sticking to her mouth; and on the same evening, about seven o’clock, a youth belonging to one of the coal-wharfs in Thames Street, while carrying a sack of coals through a narrow alley, near Apothecaries’ Hall, was attacked by three fellows, two of whom held him while the third placed a plaster of turpentine and pitch over his mouth. . . . The lad, scarcely knowing in his alarm what he did, ran towards the office of this journal, where he communicated the circumstance, and showed the plaster, still partly adhering to his cheek.”—“The Times,” February 13, 1829.

Trade Report

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling, packing, etc. Qualities of chemicals, drugs, essential and fixed oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

42 Cannon Street, E.C.4, April 18

In the pharmaceutical group of chemicals interest is well maintained in view of the important alterations during the past three weeks. Among the outstanding changes is a further advance of 1d. per lb. in phenacetin and one of 3d. in amidopyrin. Vanillin (ex coal tar) is slightly cheaper, but British make (ex clove oil) remains firm, with a fair business. Amidol is somewhat firmer. Bromides continue unsettled; salicylates appear to have settled down to the recently adjusted prices. In crude drugs, business is quiet. Cannabis indica is fully steady. Sudan acacia has been excited and a large business has been done at much higher prices, based on crop shortage. Matto Grosso ipecacuanha is quiet, and Morocco coriander seed is easier. Tragacanth has eased off slightly, but has been in more demand. Carnauba wax is steady and menthol is inactive. Business in essential oils has been very dull and the price changes are all indicative of shading. Lemon, orange and the peppermints are all easier, while vetivert is lower. Among the industrial chemicals there is little new to report. Lead acetate has fluctuated in sympathy with the metal, and barium chloride is steadier. Cream of tartar is firm and formaldehyde, although in good demand, tends to weaken. In the coal-tar products group, toluol and xylol are in good demand and are dearer. Carbohc acid crystals remain firm. Among the so-called fixed oils quiet markets are reported throughout, with a number of slight reductions in values. Turpentine is lower on bearish American reports; coconut and cotton oils are easier, likewise rape, palm and palm kernel.

Higher	Firmer	Easier	Lower
Amidopyrin	Amidol	Acid oils	Palm oils
Gum acacia	Barium chloride	Coconut oil	Rubber
(Sudan)		Coriander seed	Turpentine
Naphthas		(Mor.)	Vanillin
(solvent)		Cotton oil	(ex guaiacol)
Pepper		Lemon oil	Vetivert oil
Phenacetin		Orange oil	
Toluol		Palm kernel oil	
Xylol		Peppermint oils	
		Rape oil	

Cablegram

BERGEN, April 16.—The catch of cod since the opening of the season amounts to 62,000,000 against 48,500,000 at the corresponding period of last year, and the yield of steam-refined cod-liver oil amounts to 75,775 hectolitres, against 40,181 hectolitres at the same period of last year.

Crude Drugs, etc.

ALOES.—The exports from the Union of South Africa during December 1928 amounted to 144,713 lb. (£1,158), against 108,929 lb. (£980) in December 1927. During the twelve months ended December 31, 1928, the exports were 1,161,212 lb. (£9,488), against 854,592 lb. (£6,493) in 1927.

ANNATTO SEED remains firm and with the exception of a small lot of four bags the market is bare of supplies of good bright quality.

ANTIMONY.—The undertone is very steady for Chinese regulus, which is about £38 on the spot, but terms for shipment are called £35 10s. Quotations for Chinese refined are wider, ranging from £55 down to about £51 according to brand. Chinese crude on the spot is about £32 10s.

BALSAM TOLU.—In the absence of adequate spot supplies price is nominal at 5s. per lb., and to arrive quotations vary from 4s. 3d. to 4s. 6d. c.i.f., but there is doubt as to whether business can be done at these prices.

BAYBERRY BARK is offered at 5½d. per lb. c.i.f.

CADMIUM.—There has been an unabated good demand, and the tone was well maintained with quotations at 4s. 1d. to 4s. 2d. per lb. Liberal supplies have been coming forward, particularly from Australia and Canada, but these appear to be very well absorbed, and stability is considered assured.

CAMPHOR (REFINED).—Japanese slabs are dull at 2s. 4½d. per lb. on the spot; ¼-oz. tablets are, however, in small compass at from 3s. 2d. to 3s. 3d., and flowers at from 2s. 10½d. to 2s. 11d.

CANNABIS INDICA is fully steady, good genuine Bombay tops selling at from 35s. to 40s. per lb., according to quantity, and good green African at from 4s. to 4s. 3d.

CARDAMOMS.—At auction, on April 11, 51 cases Indian offered and sold at full prices, comprising bold long yellowish 6s. 9d., bold and medium 4s. 5d. to 4s. 6d., small 3s. 6d. to 3s. 7d. Bold round 5s. 1d., small round 3s. 6d. Splits, bold long yellowish 4s. 1d., bold round 3s. 10d., small 3s. 3d.; brown and splits and pickings 3s. 1d. to 3s. 6d. Seed was bought in at 5s. 9d. Another auction of 148 cases will be held to-day (Thursday).

CINCHONA.—At Amsterdam, on May 1, 799 packages (393 bales and 326 cases) Java pharmaceutical bark will be offered, the total weight being 27,220 kilos, and containing the equivalent of 676 kilos quinine sulphate.

CLOVES.—Zanzibar are quiet, with spot sellers at 1s. 5½d. per lb. to arrive. March-May shipment is 1s. 5d.; May-July 1s. 3d., and sales of August-October shipment have been made at from 11½d. to 11½d. per lb. c.i.f. Madagascar is 1s. 5½d. per lb. on the spot. The landings of Zanzibar in London during the week ending April 13 were 75 and the deliveries 15, leaving a stock of 1,610, against 13,425 in 1928 and 11,359 in 1927. The landings to date have been 3,051, against 8,096 in 1928, and the deliveries to date 3,940, against 4,168 in 1928. The landings of Madagascar during the week ending April 13 were 375 and the deliveries 28, leaving a stock of 1,956 bales.

COD-LIVER OIL.—There is still a fair demand and certain consumers who have kept off the market are now showing more interest, as they consider that present prices are attractive. Market is, however, very sensitive, and while we do not anticipate any pronounced advance, it would appear that there is very little likelihood of any appreciable decline in current rates. Quotations for finest new Lofoten non-freezing steam-refined oil vary from 105s. to 110s. per barrel c.i.f., according to shipper.

ALESUND, April 10.—The Norwegian cod fisheries have been rather irregular during the last month, but as a whole the total result is satisfactory. The inland price for cod-liver oil has been somewhat fluctuating from time to time, but the advance, which took place prior to the Easter holidays, has been maintained and the market remains very firm. There has been a very good demand from regular buyers abroad, and a great many contracts have been placed lately. The total output for the whole of Norway up to April 6 amounts to:—

	Catch of cod.	Cod-liver oil (hectol).
1929	54,200,000	68,313
1928	43,400,000	56,672
1927	42,900,000	57,668
1926	42,400,000	69,190

Lofoten fishing having closed, further developments must depend upon Finnmarken for fishing, which is starting now and is usually lasting until the middle of June. The prospects for the same are not bad, but still it will take a very large production in that district to depress the present price for cod-liver oil.

CORN PRODUCTS, ETC.—Guaranteed water-white American glucose (corn syrup) is 22s. 6d. per cwt. for March-April delivery, ex store (London). Dutch maize starch powder (cornflour) is 16s. 3d. per cwt. on the spot; American is 16s. 9d. per cwt., ex store, London, for March-June delivery. Pearl starch is 16s. 3d. per cwt., ex store, London, for March-June delivery. Dutch maize starch crystals is 21s. on the spot, and American is 19s. 6d., ex store, London, for March-June delivery. Dutch dextrin is quoted at 22s. to 26s. per cwt. on the spot, as to quality. American canary for March-June delivery is 19s. 4½d., and white for March-June delivery 19s. 1½d., ex store, London. Dutch farina is quoted at 13s. 6d. per cwt. on the spot, and for shipment 12s. 1½d. per cwt. f.o.b. is wanted.

GINGER.—West African is firm, with spot sellers at 54s. per cwt., and to arrive 50s. c.i.f. is quoted. Washed rough Cochín is 72s. 6d. to 75s. Calicut 85s., Japanese 60s.; small Jamaica 80s., and bold 100s. to 120s. per cwt.

GUM ACACIA has been excited and is much dearer owing to crop shortage, which has been affected by cold weather in the Sudan. Business has been done in quantity at up to 65s. per cwt. on the spot and at up to 67s. 6d. for cleaned. C.i.f. prices are nominal, with possible buyers at over these prices. Bleached has been sold up to 105s., and to arrive 100s. c.i.f. is quoted.

HONEY.—With few arrivals, small stocks and a fair demand, prices remain quite steady. Dark Jamaica is 44s. to 45s., brown to pale amber 46s. to 50s., and good to fine 52s. 6d. to 55s. per cwt.

HYDRASTIS is firm at 15s. per lb. c.i.f.

IPECACUANHA.—Matto Grosso is quoted at from 14s. to 14s. 6d. per lb. as to quality and quantity.

JUNIPER BERRIES.—Old crop continue scarce, the spot value being about 28s. per cwt.

LIME JUICE.—West Indian raw is quoted at from 3s. 6d. to 4s. 6d. per gallon for old and new crop respectively; arrivals continue quite small.

MAGNESIUM is steady and a regular business is being done by home makers in small sticks, ingots and bars at prices ranging from 3s. 3d. to 3s. 9d. per lb. Ribbon is quoted 11s. to 14s., according to specification, and wire at 7s. 6d. to 12s. 6d., while powder ranges from 4s. 6d. to 7s. 6d. per lb.

MENTHOL is inactive at 20s. 6d. per lb. on the spot for Kobayashi-Suzuki, and for April-June shipment 18s. 10½d. c.i.f. has been paid.

MERCURY is unchanged in spite of the continued restricted trade demand. Current quotations are £22 2s. 6d. to £22 5s. per bottle, and holders seem quite content to wait for developments. Export business with the Eastern markets is not very active, but further inquiries have been coming forward chiefly from China. U.K. imports for last month were only 256 bottles against 2,605 bottles for the same month last year. The total imports for three months are insignificant at 586 bottles, whereas in the same period last year 3,398 bottles were accounted for. Re-exports for last month were very small, but the total for three months was double that imported. There is no doubt that available stocks have been steadily reduced. There has been no change in the attitude of the Combine, their price remaining at £21 15s. f.o.b.

PEPPER has been more active at higher prices for forward shipment. Fair black Singapore is 1s. 4½d. per lb. on the spot, and May-July shipment 1s. 2½d. c.i.f. Lampong is 1s. 4½d. spot. To arrive, sales include January-March at 1s. 4d., March-May at 1s. 3½d. to 1s. 3d. to 1s. 3½d., May-July at 1s. 2½d. to 1s. 2½d., and August-October at 1s. 1½d. to 1s. 2d. to 1s. 1½d. Tellicherry is 1s. 5½d. spot, and January-March 14½s. c.i.f. Alleppy is 1s. 5d. spot and 14½s. c.i.f. White Muntok is 2s. 2½d. spot; sales to arrive include March-May shipment at 2s. 1d. to 2s. 1½d., May-July at 1s. 1½d. to 2s. 1d. to 2s. 0½d., and August-October at 1s. 9½d. to 1s. 11d. to 1s. 10½d. c.i.f.

According to a radiogram sent to Washington from U.S. Trade Commissioner Don C. Bliss, Batavia, dated March 14, the first unofficial estimate of the Lampong pepper crop places the output at 18,000 to 20,000 tons. Although based on the most accurate information available, the estimate is preliminary, and weather conditions within the next six weeks may cause material changes. [These cables are expressly sent at the desire and for the benefit of the New York pepper dealers, and the estimates are usually received with a certain amount of scepticism on the London market.—EDITOR.]

PIMENTO is quiet at 1s. 3d. per lb. on the spot. To arrive, March-April shipment is quoted at 12½s., and August-October shipment at 11½s. c.i.f.

RUBBER is easier and since our last has fallen nearly 1d. per lb. This substantial decline is mainly due to the weakness in Singapore and heavy shipment during the past few weeks from the East. According to the latest cable advices over 26,000 tons have been shipped during the first half of this month. This total is very substantial and far greater than the market anticipated, hence the pressure to sell and the subsequent fall in price. A sharp recovery, however, is anticipated. There is a further increase of 1,512 tons in the stocks on the week and the London stock now stands at 30,446 tons, against 58,945 tons at the corresponding period last year. Quotations (Wednesday, 5 p.m.): No. 1 standard ribbed smoked sheet, spot and April, 10½d.; May-June, 10½d.; July-September, 10½d.; October-December, 10½d. per lb.

SEEDS are unchanged and the market remains generally quiet, with the prices steady. **ANISE.**—Spanish 62s. 6d. and Russian 26s. 6d. per cwt. spot. **CANARY.**—Market is still firm: Mazagan is offering at 25s. 6d. spot, and 26s. c.i.f. is quoted for forward shipment. Saffi is 26s. spot. **CARAWAY.**—Dutch still remains at 4½s. on the spot. **CUMIN.**—Maltese is 55s. spot and Morocco is 47s. 6d. to 48s. 6d. spot, according to quality. **CORIANDER.**—Morocco is a little easier on spot at 14s. Orders for shipment have been refused at 11s. c.i.f. Sellers now quoting 12s. 6d. c.i.f. for forward shipments. **FENUGREEK** remains firm at 20s. spot, and 19s. c.i.f. is quoted forward. **LINSEED.**—Mazagan remains firm at 22s. spot. **MUSTARD.**—English is 27s. to 31s. on spot, according to quality. **FENNEL.**—Indian is 68s. spot, and new crop is now quoted at 59s. c.i.f.

SHELLAC is firmer, usual standard TN orange quality offering at 190s. per cwt., fine orange 210s. to 300s., pure button 230s., and AC cakey 202s. 6d. To arrive, sellers of TN quote April-May and May-June shipment at 179s. c.i.f. Sales for delivery include TN for May at 177s. to 184s., August at 182s. to 188s. to 182s. 6d., and October at 183s. to 188s. 6d.

SQUILL.—New crop for July-August shipment is quoted at 26s. per cwt. c.i.f., and on the spot 50s. to 55s. per cwt. is quoted for good white.

TAMARINDS.—The "Inanda" has brought 320 packages from Barbados; we understand that these have been sold to arrive. Spot price is about 27s. 6d. per cwt.

TRAGACANTH has been more active during the past week, with a fair export demand to U.S.A. Current prices are: No. 1 fine ribbon, £28 to £30; fair to good No. 2, £25 to £27; No. 3, £20 to £24; fourths, £15 to £19; good clean thin Persian leaf, £11 to £15; pale thick Persian, £9 to £10; yellow ditto, £6 10s. to £8; brown hoggy sorts, 90s. to £5 10s. per cwt.

The landings during March were 1,194 and the deliveries 798, leaving a stock of 10,520, against 6,379 in 1928 and 9,392 in 1927. The landings to date have been 5,013, against 2,375 in 1928 and 9,631 in 1927, while the deliveries have been 3,250, against 3,757 in 1928 and 3,418 in 1927.

WAX (CARNAUBA) is steady at 117s. 6d. per cwt. for fatty grey on the spot; affloat is 112s., and shipment price is firmer at 112s. c.i.f. Chalky grey is 119s. spot and 110s. c.i.f. Primera is 180s. spot and 157s. 6d. c.i.f. Mediana is unchanged at 165s. on the spot and 155s. c.i.f.

WORMSEED.—Current quotation for genuine containing not less than two per cent. santolin, in ten-bag lots, is 25s. per kilo.

Essential Oils

The Board of Trade statistics for the first quarter of the year indicate marked advances in prices as the quantities of re-exports are considerably lower although the values are higher by about 50 per cent. compared with last year's figures. This is probably largely due to the position of the citrus oils which had not started to rise at this time last year. Business during the past week has been very dull, and the price changes involve a tendency to shade values. Lemon, orange and the peppermints are easier, while vetiver is lower.

The following are the quantities and values of natural essential oils (other than turpentine) imported into and re-exported from Great Britain during March 1929, compared with the same months in 1927 and 1928, also for the three months ending March in the respective years:—

		1927	1928	1929
March imports	.. lb.	362,653	410,460	357,099
	value	£101,241	£109,951	£156,614
Jan.-Mar. imports	.. lb.	930,557	1,119,036	1,106,278
	value	£280,699	£289,203	£391,273
March re-exports	.. lb.	73,685	85,953	47,863
	value	£35,608	£28,884	£24,830
Jan.-Mar. re-exports	.. lb.	175,813	220,794	196,805
	value	£77,345	£74,351	£91,528

ANISE (STAR).—"Red Ship" is held for 2s. 10d. per lb. in leads from some hands, though 2s. 9d. will buy. The forward quotations show all sorts of prices, but the average appears to be on the basis of 2s. 11d. c.i.f. for leads and 2s. 7d. for drums.

BERGAMOT is unchanged at 20s. to 20s. 6d. per lb. on the spot for the 37-38 per cent. 1.a.

CASSIA on a London analysis is unchanged at 4s. 7½d. per lb. c.i.f. with the spot value at 5s. 3d. for 80-85 per cent. c.a.

CEDARLEAF shows no change at 5s. 9d. per lb. c.i.f., and 6s. 3d. on the spot.

CEDARWOOD is without interest at the previous rates of 1s. 2½d. c.i.f. or spot for drums.

CHAMOMILE.—English is quoted 95s. per lb. on the spot.

CITRONELLA is unchanged. Ceylon is worth 2s. per lb. on the spot with offers for shipment at 1s. 10½d. c.i.f. Java is available on the spot at 1s. 11d. per lb.

GERANIUM shows no change. Bourbon is quoted at 19s. 6d. per lb. on the spot, and 19s. c.i.f. Algerian is worth 17s. 6d. per lb. on the spot.

GINGERGRASS is worth 9s. per lb. on the spot with the shipment quotation at 8s. c.i.f.

LEMON is easier owing to lack of demand, but the position is really firm and values should appreciate once the consuming season starts. Genuine hand-pressed Sicilian oil is quoted from 16s. 3d. to 16s. 9d. per lb. c.i.f. for immediate shipment, and the value on the spot is 16s. 9d. to 17s. per lb. according to seller.

LEMONGRASS is unchanged at 2s. 10½d. per lb. on the spot and 2s. 9d. c.i.f.

ORANGE is easier. Lack of interest and absence of orders have caused prices to be shaded, and genuine Sicilian sweet is now available at 22s. per lb. on the spot and 21s. 6d. c.i.f. for shipment. The West Indian oil is quoted 21s. per lb. on the spot.

PALMAROSA is quoted at 12s. 3d. per lb. on the spot and 11s. 6d. c.i.f.

PATCHOULI shows little signs of improvement, in spite of the firmer tone at the source. Ordinary Singapore quality is available on the spot at 19s. per lb.

PEPPERMINT.—American natural tin oil is not in very abundant supply on the spot, where quotations range from 13s. to 13s. 2d. per lb., as to seller. The position forward is very weak, as holders on the other side are pressing material on the market and adjusting values to attract buyers. Shipment is therefore variously quoted at 12s. 6d. to 13s. c.i.f., according to brand. H.G.H. is easier on the spot at 18s. 3d. per lb., though still quoted 18s. c.i.f. Japanese dementholised is fluctuating daily, and Kobayashi/Suzuki was offered on spot at 6s. per lb., though closing at 6s. 3d. to 6s. 4½d. For shipment there are sellers at 6s. 2d. c.i.f. for April-June, while July-August is quoted 6s. 3d. c.i.f.

PETITGRAIN.—Paraguay is unchanged but firm at 8s. per lb. on the spot, with the quotation for shipment at 7s. 8d. per lb. c.i.f.

ROSEWOOD (BOIS DE ROSE) continues weak, but values have not depreciated any further. Cayenne can be bought in some directions at 6s. per lb., while Brazilian is quoted at 5s. 3d. per lb.

SPEARMINT continues to ease in the primary market and is now offered at 16s. 6d. per lb. c.i.f. The spot value of 18s. per lb. is maintained and there is a moderate inquiry at this figure, though little business has been passing.

VETIVER.—Bourbon is neglected, and to attract business prices have been shaded to 19s. per lb. on the spot.

WORMSEED (CHENOPODIUM) is unchanged at 9s. 3d. per lb. on the spot and 8s. c.i.f.

The following arrivals have taken place from the countries indicated during the period March 10 to March 16 (inclusive): Anise (Ch.), 51 pkgs.; bergamot (It.), 122 cs., cajuput (Neth.), 1 dm.; cassia (Ger.) 1 dm., (Ch.) 5 dm.; citronella (Jv.) 10 dm., (Aust.) 6 dm.; clove (Réun.), 8 dm.; eucalyptus (Aust.), 40 cs.; geranium (Fr.), 1 dm.; lavender (Fr.) 5 cs., (Sp.) 2 dm.; lemon (It.) 248 cs., (U.S.) 26 cs. 7 dm., (Ger.) 10 cs.; lime (B.W.I.), 1 cs.; mandarin (It.), 14 cs.; neroli (It.), 1 cs.; orange (It.) 124 cs., (Fr.) 5 cs., (B.W.I.) 9 cs.; patchouli (Strs.), 6 cs.; peppermint (Jp.) 125 cs., (U.S.) 7 cs. 2 dm.; petitgrain (Arg. Rep.) 15 cs., (Fr.) 5 cs.; pimento berry (Ger.), 1 cs.; pine (Ger.), 2 cs.; rose (Fr.), 2 cs.; rosewood (Braz.), 4 dm.; sandalwood (Jv.), 3 cs.; wormseed (U.S.), 22 cs.; undescribed (U.S.) 13 cs., (Fr.) 8 cs.

Pharmaceutical Chemicals, etc.

ONE or two further advances are recorded this week, with amidopyrin, phenacetin and amidol dealer. The other important alterations of the last three weeks, when a number of products advanced, are all maintained. Vanillin, so far as ex guaiacol is concerned, is easier.

ACETANILIDE remains quiet, with prices for B.P. crystals and powder steady at 1s. 5d. to 1s. 6d. per lb., as to quantity.

AMIDOL is somewhat firmer, with dealers' prices ranging from 7s. to 7s. 9d. per lb., as to quantity. British make is now 8s. per lb.

AMIDOPYRIN shows a further advance, with spot prices now at 8s. 3d. to 8s. 6d. per lb., as to quantity.

ASPIRIN shows no change on the week, with home makers and dealers quoting from 2s. 3d. to 2s. 6d. per lb. for five-cwt. up to small parcels; slightly less is being accepted for ten lots. Good business is passing in view of the firmness of the market and the expected rise in prices in sympathy with salicylates in general.

BARBITONE is unchanged on spot at 5s. 6d. to 5s. 9d. per lb., but an advance is expected.

BENZALDEHYDE (.03) remains dull, with prices on spot at about 1s. 10d. to 2s. per lb., in carboys, as to quantity.

BENZOIC ACID (B.P.) continues in good request, with prices very steady: quantities, ex works, 2s. 1d.; spot parcels, 2s. 2d. to 2s. 3d. per lb.

BROMIDES continue rather unsettled, but there has been no further change in quoted prices. Dealers: ammonium, 1s. 10½d. to 1s. 11d.; potassium, B.P., crystals, 1s. 7d.; granular, 1s. 7d.; sodium, B.P., 1s. 9½d. to 1s. 10d. for quantities, in cases. British makers' list prices are unchanged: ammonium, 2s. to 2s. 3d.; potassium, B.P., 1s. 8½d. to 1s. 11½d.; sodium, B.P., 1s. 11d. to 2s. 2d. per lb., as to quantity.

CAFFEINE is holding at last week's higher rates of 7s. per lb. and upwards for pure crystals.

CALCIUM LACTATE is very steady at from 1s. 2d. to 1s. 3½d. per lb., as to quantity; some holders' minimum is 1s. 2½d.

CHLORAL HYDRATE is steady but quiet: duty-paid crystals, 3s. 1d. to 3s. 3d. per lb., as to quantity.

CITRIC ACID (B.P. crystals).—There is no further change to report: spot is quoted firmly from 2s. 2d. to 2s. 3d. per lb., less 5 per cent.; quotations from Italy are not to hand, but are expected to be at advanced rates.

CREOSOTE (B.P.) is steady at from 1s. 8d. to 1s. 9d. per lb. CREOSOTE CARBONATE is unchanged on a rather poor market: spot, 5s. 9d. to 6s. per lb.

GUAIACOL CARBONATE continues to be quoted on spot at about 4s. 8d. to 5s. per lb., with very little business moving; this market may well firm up.

HEXAMINE is steadily maintained at the recent advanced rates of 2s. 4d. to 2s. 6d. per lb., as to quantity.

HYDROQUINONE is steady and is meeting with fair business; quoted from 3s. 9d. to 3s. 11d. per lb., as to quantity; slightly more for small lots.

LACTIC ACID (B.P.) continues at the controlled prices of 1s. 6½d. for five-ton lots up to 1s. 10½d. per lb. for small parcels.

METHYL SALICYLATE (B.P.).—Home makers' prices are unchanged, with dealers offering at about competitive rates: one ton, 1s. 6d.; ten cwt., 1s. 6½d.; five cwt., 1s. 7d.; one cwt. 1s. 7½d.; small lots, 1s. 8d. per lb., in demijohns, charged extra. The Continental makers' price is also 1s. 7½d., in cwt. lots.

METHYL SULPHONAL is well maintained at recent higher prices of 18s. 6d. to 20s. per lb.

PARAFORMALDEHYDE is steady but quiet: quantities of 100 per cent. powder, in kegs, 1s. 8d.; small parcels, 1s. 9d. per lb.

PARALDEHYDE is unchanged on a dull market: quoted from 1s. 1d. to 1s. 3d. per lb., as to quantity and packing.

PHENACETIN.—Further advances in prices are notified, with one-cwt. lots of crystals at 2s. 10d. and powder at 2s. 11d. per lb.; smaller lots slightly dearer.

PHENAZONE continues at last week's higher prices, with one-cwt. lots at 4s. per lb.; smaller parcels, up to 4s. 6d. per lb.

PHENOLPHTHALEIN continues quiet, with quoted prices being obtained: Convention rates are 5s. 11d. to 6s. 1½d. per lb., as to quantity.

POTASSIUM PERMANGANATE (B.P.) is steady on a quiet market: quantities, in drums, 5½d.; smaller parcels, from 6d. per lb.

POTASSIUM SULPHOGUAIACOLATE is unchanged on spot at 3s. 3d. to 4s. per lb., with a good chance of an advance in due course.

SALICYLIC ACID (B.P.) is steadily maintained at former home makers' prices: 10 cwt., 1s. 5d.; five cwt., 1s. 5½d.; two cwt., 1s. 5¾d.; one cwt., 1s. 6d.; small parcels, 1s. 7d. per lb.

SALOL has a tendency to harden. Convention rates are:—Two cwt. 2s. 3d., one cwt. 2s. 4½d., 56 lb. 2s. 5d., and less quantity 2s. 6d. per lb.

SODIUM DIETHYLBARBITURATE is dull: spot is 7s. 4d. to 7s. 6d. per lb., as to quantity.

SODIUM SALICYLATE (B.P.).—The position is unchanged and the market appears to have settled down to the recently adjusted prices: dealers quote Continental make to arrive at 2s. 6½d. for crystals and 2s. 4½d. per lb. for powder, in one-cwt. lots. British makers' prices are unchanged: powder, 10 cwt., 2s. 2d.; five cwt., 2s. 2½d.; two cwt., 2s. 2¾d.; one cwt., 2s. 3d.; small parcels 2s. 4d. per lb.; crystals, 1d. per lb. more.

SULPHONAL is unchanged on a firm market at 10s. to 10s. 6d. per lb.

TANNIC ACID (B.P. *leviss*) is unchanged on a quiet market: quantities, 2s. 10d.; small parcels, 3s. per lb.

TARTARIC ACID (B.P. crystals) continues generally firm, while business is not of much account: foreign on the spot is 1s. 4d. to 1s. 4½d. per lb., as to quantity.

THYMOL is unchanged at last week's slightly cheaper prices for synthetic fine white at 9s. 1d. to 9s. 3d. per lb., as to quantity; ex ajowan seed, about 11s. 3d. per lb.

VANILLIN continues in fair demand, with dealers selling ex guaiacol slightly cheaper at 14s. to 14s. 6d. per lb.; 100 per cent. from cloves is listed at 17s. per lb.

Industrial Chemicals, etc.

London, April 17.

THERE is again little change of importance to record. Lead acetate has been moving with metal prices. Formaldehyde has been in good demand, but is still tending to weaken a little, and sal ammoniac prices have been revised without showing any material change.

ACETIC ACID is steady, with an average business moving: 30 per cent. technical, £36 15s.; 80 per cent. pure, £37 per ton, in barrels; glacial, 99 to 100 per cent. pharmaceutical, £66, in glass demijohns; glacial, in barrels, £56 per ton, ex store.

ACETONE is firm on a bright market: B.G.S., in drums, £76 to £85 per ton, in drums, ex store.

AMMONIA (ANHYDROUS) continues in steady demand for limited quantities, with prices for 99.95 per cent., in loaned cylinders, at 10d. to 1s. per lb., carriage paid; slightly less for big contracts.

AMMONIUM CHLORIDE is meeting with a steady demand, with dealers' prices for grey galvanising at £21 10s. per ton, in casks, ex store; slightly less for contracts.

ARSENIO continues dull and Cornish agents are quoting £16 to £16 2s. 6d. per ton f.o.r. mines for fair-sized lots. Mexican high-grade has remained at £17 c.i.f.

BARIUM CHLORIDE is steadier, with some Continental makers now quoting the higher price of £10 f.o.b. Continent; spot, 98 to 100 per cent. prime white crystals are offering from £11 5s. to £11 10s. per ton, in casks, ex store.

COPPER SULPHATE.—Business has been distinctly more difficult, chiefly in consequence of the very sharp variations in the price quoted lately. This is, of course, the result of the unsettlement in copper, which has fallen by more than £25 per ton from the extreme high level reached recently. The latest quotations for sulphate for export range from about £30 10s. to £31 per ton f.o.b., less 5 per cent.

CREAM OF TARTAR continues in fair demand, with prices for foreign 99 to 100 per cent. powder firm on spot at 96s. to 97s. 6d. per cwt., less 2½ per cent., as to quantity.

EPSOM SALT is unchanged on a slow market: quantities of commercial quality, in single bags, £4 per ton, ex store; slightly cheaper forward.

FORMALDEHYDE is steady and there is more business moving, despite the threat of a break in the market: 40 per cent., by volume, £35 10s. to £36 per ton, in casks, ex store.

FORMIC ACID is steady, although business is still slow: 85 per cent., £46 to £46 12s. 6d. per ton, in carboys, ex store.

GLAUBER'S SALT continues to be quoted at £3 12s. 6d. per ton for commercial quality, in single bags, ex store; slightly less forward.

ISOPROPYL ALCOHOL is bright, with prices for good make steady at 11s. to 12s. per gallon, in drums, carriage paid.

LEAD ACETATE.—Prices for spot advanced to £43 for brown and £44 per ton for white, but with a decline in the metal, values for acetate have moved back to about £42 and £43 respectively.

LITHOPONE is steady and business is not at all poor: 30 per cent. Continental red seal, £19 10s. per ton, in casks, ex store; slightly less for contracts.

OXALIC ACID continues quiet, with quantities to arrive at £30 per ton, ex wharf; cwt. lots, 32s., ex store.

POTASH CAUSTIC is steady at controlled prices, with 88 to 92 per cent. solid on spot from £32 15s. to £36 15s. per ton, in drums, as to quantity; 30s. per ton less c.i.f.

POTASSIUM CARBONATE is meeting with a steady demand at unchanged prices: 90 to 92 per cent., £24 10s. to £25; 96 to 98 per cent., £25 15s. to £26 per ton, in casks, ex store; slightly less for contracts.

POTASSIUM CHLORATE has been dull, with quantities to arrive at 2½d.; spot parcels, from 3d. to 3½d. per lb., ex store.

POTASSIUM PERMANGANATE is dull: quantities, in two-cwt. drums, 5½d.; small lots, from 5½d. per lb., ex store.

POTASSIUM PRUSSATE meets with a steady business at unchanged prices: quantities, £63 10s. to £65 10s.; single casks, 7d.; small parcels, 7½d. per lb., ex store.

SAL AMMONIAC shows some slight revision of prices as quoted by dealers on spot: dog-tooth crystals, £32; medium, £29; fine white crystals, £18 per ton, in casks, ex store; slightly cheaper for contracts.

SODIUM ACETATE remains quiet on spot at from £21 per ton, in casks, ex store.

SODIUM CHLORATE has been slow of sale, with quantities to arrive at 2½d.; spot parcels from 3d. to 3½d. per lb., ex store.

SODIUM PRUSSATE is steady and business is fair: quantities at 4½d. to 5d.; smaller parcels, 5½d. to 5½d. per lb., ex store.

SULPHUR.—There is a moderate demand both for crude and refined: American crude is £5 12s. 6d. to £5 17s. 6d., Sicilian flowers sell at £12 7s. 6d., refined ground at £11, and roll at £9 15s.

COAL-TAR PRODUCTS, ETC.—Business in toluol and xylol shows a good improvement and prices have advanced. Pitch remains slow, with the market quotation unchanged. Other products show no change, with business limited throughout. ANILINE OIL continues steady at 8d. per lb., carriage paid, packages extra. ANILINE SALT remains unchanged at 8d. per lb., carriage paid, packages extra. BETANAPHTHOL is unchanged at 10d. per lb., carriage paid for quantities. CARBOLIC ACID (ICE CRYSTALS).—There is no change to report and prices remain firm at from 6½d. to 7½d. per lb. in bulk packing, according to quantity. Suppliers are now booking late May and early June shipment, but earlier positions are difficult to obtain. CRESYLIC ACID.—A steady business is being done at the prices mentioned last week, and although no further upward tendency is apparent, there is little doubt that rock-bottom was reached some time ago. CREOSOTE OIL continues steady on a quiet market: ex works, 4½d. to 4¾d.; f.o.b., 6½d. per gallon, in bulk quantities. NAPHTHALENE is quieter but the market remains steady: imported flakes and

balls, £15 15s. per ton, in cases, ex wharf. METHYL ALCOHOL is still offered at about £45 per ton, in drums, ex store, but the market continues unsettled owing to cheaper offers from a source which at the moment is unable to supply. PYRIDINE continues slow and nominal at 4s. 6d. per gallon f.o.b. TOLUOL has advanced in price, with the market active: commercial 90's, 1s. 9d.; pure, 1s. 11d. to 2s. per gallon, at works. XYLOL shows an advance for commercial quality at about 1s. 10d., and pure at about 2s. per gallon, ex works. PITCH remains quiet throughout, with the market quotation unchanged at 31s. per ton f.o.b. East Coast.

Fixed Oils, etc.

GENERALLY quiet markets are reported, with a number of slight reductions in prices. Turpentine is slow of sale and cheaper. Linseed oil is quiet. Palm oils are again cheaper but closed steadier and brighter, while cotton oils are slow and easier. ACID OILS continue quiet and are slightly easier: coconut and/or palm kernel, 33s. 9d.; ground nut, 31s. 6d.; soya, 28s. spot. CASTOR is dull but prices are maintained: pharmaceutical, 51s. 6d.; first pressings, 46s. 6d.; second pressings, 43s. 9d. per cwt., in barrels, in not less than one-ton lots. COCONUT is quiet and slightly easier: deodorised, spot, 41s.; Ceylon, 35s. c.i.f.; Cochin, 42s. 9d. c.i.f. COTTON has been dull and easier: deodorised, 38s. 6d.; common edible, 36s. 6d.; soapmaking, 32s. 6d.; crude, 29s. spot. GROUND NUT is very slow of sale: deodorised, spot, 43s. 6d.; crude Oriental, 36s. c.i.f. PALM KERNEL is dull and slightly easier: deodorised, 45s.; crude, 37s. spot. PALM.—Further reductions in values for all grades are recorded, but the market closes steadier and rather brighter: Lagos, 34s.; softs, 33s. 9d.; mediums, 35s.; hards, 35s.; bleached, 37s. spot. RAPE is quiet and slightly easier: refined, 45s. 6d.; crude, 43s. 6d. spot. SOYA remains dull: deodorised, spot, 39s. 6d.; crude, 33s. 6d. spot. LINSEED (raw, naked) shows little change on the week and closes quiet but steady: on spot, 29s.; April, 28s.; May-August, 28s. 6d.; September-December, 29s. 3d. Boiled oil, spot, 33s. 3d. Hull, on spot, 28s. 4½d.; April, 28s. 4½d.; May-August, 28s. 6d.; September-December, 29s. TURPENTINE.—There has been an accentuation of weakness, which is chiefly attributed to bearish American reports, while the new crop is coming in well and the receipts are said to be heavy. The London price closes at 42s. 6d. for spot and May-June. London deliveries for last week were very good at 2,790 barrels, making a total since January 1 of 26,734 barrels, against 29,628 barrels the same period last year. Stocks were reduced to 16,734 barrels, which, together with the landings and afloats, make a total of 20,034 barrels, compared with 39,507 barrels a year ago. This represents the London visible supply. RESIN.—Business was more general at the reduced level of prices, which has stimulated the demand. American c.i.f. quotations are as follows: B to D 16s. to 16s. 6d., E 17s. 4½d., F/G 17s. 7½d. to 17s. 9d., H/I 17s. 10½d., K 18s., M 18s. 6d., N 19s., W/G 20s. 1½d., and W/W 21s. 9d. Terms on the spot ex wharf are 9d. per cwt. more, except for B/D and W/W, which are scarce and the latter commands 24s. 6d. WOOD.—Hankow, in barrels, on spot is unchanged at 7s. per cwt.; market dull. OLIVE.—French (B.P.) is 6s. 2d., and edible 7s. per gallon; Italian edible, 8s. 6d. per gallon ex wharf.

LUBRICATING, MINERAL, BURNING OILS, ETC.—A considerable improvement in solvent naphthas is reported, with more business moving. BENZOL is a bright and firm market, with standard motor 90's at 1s. 8½d. to 1s. 8½d. per gallon, ex works, in tank wagons; ex London works, 2d. per gallon dearer. FUEL OIL continues unchanged, with the market steady: 950 gravity, £3 5s.; 890 gravity, £3 17s. 6d. per ton, ex tank; slightly cheaper forward. PARAFFIN OILS are firm with prices unchanged: American standard white, 1s.; water-white, 1s. 1d. per gallon, in barrels, ex wharf. PARAFFIN WAX and SCALE continue steady: wax is quoted at 2½d. to 4½d. per lb., according to melting point, in bags; scale is offered for shipment at about £21 per ton, c.i.f. London. WHITE OILS continue in moderate demand, with prices steady: special No. 1, £23 7s. 6d.; No. 1, £23; No. 3 half-white, £20 10s.; No. 4 half-white, £19 15s. per ton, drums and barrels free, ex wharf. SOLVENT NAPHTHAS.—The demand for 90 to 160 has improved and prices have advanced to 1s. 2d. to 1s. 3d. per gallon, naked at works; heavy 90 to 190 remain quiet, with the price from 1s. to 1s. 1d. per gallon. PETROLEUM JELLIES remain unchanged: white to snow white, £38 10s. to £47 10s.; amber and yellow, £17 15s. to £22; dark stiff green, £11 12s. 6d. per ton, barrels free, ex wharf. The market continues quiet. LUBRICATING OILS remain unchanged and very firm. Spot: pales, £10 to £22 10s.; reds, £11 5s. to £22; dark cylinders, £13 5s. to £33 10s.; filtered cylinders, £31 to £34 per ton, less 2½ per cent. SOLUBLE OIL and CUTTING COMPOUNDS are unchanged at £20 to £23 per ton net. No. 1 RUSSIAN OIL is offering on spot at £14 per ton, less 2½ per cent., barrels free, ex wharf.

Commercial and Produce Notes

Dominican Lime Products

DURING the year 1927—the latest period for which statistics are available—the Dominican lime crop was 2,510,000 barrels, or 4,000 barrels less than the previous year, and the disposal of the crop in exports was as follows: Concentrated lime juice, 106,971 gallons, £22,269; raw lime juice, 173,848 gallons, £7,244; lime juice cordial, 845 gallons, £127; fresh limes, 21,577 barrels, £15,931; pickled limes, 263 barrels, £553; essential oil (distilled), 31,346 lb., £36,049; and otto of limes, 7,828 lb., £13,308.

Potassium Salts and U.S.

LITIGATION which has been in progress for nearly two years in which the United States Government accused German and French potash importers of violating the American anti-trust laws, has been settled satisfactorily. The two organisations operating in America were the Société Commerciale des Potasses d'Alsace and a group of German concerns headed by Kempner. It was alleged by the U.S. Government that they had combined to obtain a monopoly in America for the supply of fertilisers and potash. An agreement has now been signed between the Continental interests and Judge Bondy, for the American Government, by which the former agree to abide by the anti-trust laws and undertake not to combine, either directly or through agents, to obtain control of supplies or unfair discrimination in fixing prices.

Sudan Acacia

BOXALL & Co., Khartoum, in their report dealing with the market from February 19 to March 31 state that the arrivals at Kordofan stations (including Tendelti) amounted to 841 tons during the last ten days of February, against 1,335 tons last year, a shortage of 494 tons or 37 per cent. This brings the arrivals for the whole of February to 2,033 tons, and the shortage in that month to 1,514 tons or 43 per cent. compared with last year. During March arrivals were 1,909 tons compared with 2,703 tons for the same month of 1928—a shortage of 794 tons or 29 per cent. The shortage in Kordofan and Tendelti arrivals this season to date therefore totals about 3,200 tons. It must be remembered that 1928 was an exceptionally early crop due to the absence of wintry weather; the large arrivals began early and finished early. If comparison is made with other years, it is found that this season's crop arrivals (December-March) are not less than 1,200 tons greater than for the same period for the largest crop recorded (1926). If allowance is made for the Ramadan holidays which came within the 1929 period, but not 1926, the difference would be still larger. Against the same period, season 1927, this season's arrivals are no less if allowance is made for the Ramadan holidays, and the same applies to 1923, whilst in the case of the remaining two years, 1924 and 1925, the arrivals this season are much larger even if no allowance is made for the Ramadan holidays. Prices: Taking El Obeid as the standard, from February 18 to 22 prices rose 6s. 9d. per owt., remained firm until February 25, and then fell 4s. 3d. by February 28. During March prices rose, the total increase touching 7s. 6d. per cwt. on March 7, but before the close of the day values had fallen 5s., the net increase being 2s. 6d. Prices continued to fluctuate within 6d., until March 27, when they rose 1s. 3d. and so remained to the end of the month when the market closed at 3s. 9d. above the price paid on March 1. The high values here have not reflected prices paid overseas, but have been entirely due to exporters competing one with the other to cover their low-priced commitments. The tendency of prices will depend upon whether we get the large arrivals expected in April/May/June. The weather is now definitely favourable, and reports go to show that the high prices are encouraging the natives to go great distances in the interior to collect gum. The durra crop was small, and whilst we are inclined to discount the supposed effects of the size of the durra crop on the collection of gum, this would, if anything, tend to increase collection. Exports: With reference to the export figures it must be remembered these are closed during the last ten days of the month. Last year there was a tendency to ship January/February contracts in January and February/March contracts in February, but this year the reverse is the case, whilst more gum than usual was delayed by the force of circumstances to the last days of the month. We estimate that the total exports for February would be about 2,750 tons and the total quantity of January/February would be thus be about the same as last year. The real difference was, therefore, the lack of stocks in the hands of exporters and dealers.



Letters for this section should be written on one side of the paper only. Correspondents may adopt an assumed name for purposes of publication, but must in all cases furnish their real name and address to the Editor.

Publicity for Council Work

SIR,—When a pharmacist has had a particularly trying day and has had to deal with some more than usually annoying incident, what can be more consoling when he has at last closed the door than to sit down with pen and paper and to unburden his soul by writing to the *C. & D.* about it? And does not the continual airing of a matter eventually lead to some notice being taken of it? So with regard to the letters to our trade-papers; it is possible that some of them eventually attract some attention in higher places, or at any rate give some idea of the difficulties under which we labour in our lesser lives—unless we suppose that the people who move in these exalted spheres are so far removed from mundane affairs that they take no notice of us and our little grumbings. It is inherent in the nature of our work that the small pharmacist cannot take a really broad view of pharmaceutical politics, for he is soon brought to earth again by some harassing detail of shop work. The Council might do more good than it does by affording us that little more information for which you appeal; we cannot be expected to take a more than ordinary interest in a concern of which we know nothing about the workings and can only judge by the results, results which so far have in every case brought us fresh troublesome details to look after and ever-increasing penalties for inadvertent oversight. Here I might ask if the Society is really satisfied with the working of the branches; have they come up to expectations, and do they really serve any useful purpose? To function actively they should take a large part in the work of the Society and should be a constant fount of well-directed criticisms and suggestions to headquarters. Periodically the Society publishes a list of the average contributions to the Benevolent Fund from the various district organisations, showing which are the highest and which the lowest subscribers; in view of the good results from this policy, will the Society now publish the number of members in each branch, and the average number attending the meetings during this winter's session, omitting dinners, dances, etc.? A little healthy competition in this respect might improve matters considerably. Even if the Society cannot actually publish an account of its activities, what is there to prevent its members being advised by confidential letter of a sufficiency of facts to keep them in touch with events, or for the local secretaries to give a *résumé* at private branch meetings? I have been to one or two meetings at which the speakers were listed to talk about the probable trend of events, and in each case "came out by that same door wherein I went."—Faithfully yours,

SCRIPTOR (8/4).

Special Window Shows

SIR,—It will be interesting and not a little instructive to me to note the response from the trade in the matter of window shows, etc., given to the goods mentioned on an enclosed circular that I have lately received. I note it is claimed:—"They have diverted to the chemist's shop part of the trade that formerly went to the drapers for the purchase of towels." And this "thriller" concludes with the following:—"Thanking you for your hearty co-operation in the past, which has helped us to build up the enormous sale of — preparations." Must we get enthusiastic and close our eyes to the fact that this firm's goods have lately enjoyed huge window shows in the sixpenny stores, thereby losing the chemist much of his legitimate business and resulting profit?

Yours faithfully,

S. MCFARLANE.

Greenwich, S.E.

Are Chemists' Windows so Valueless?

SIR,—Referring to recent letters in your columns on window displays of proprietary articles for a bonus, frequently given in goods, one often sees the advice in manufacturers' circulars to "link up" with their advertising by means of these shows. I have often wondered whether there is anything in this idea: if a person is attracted by some article in a newspaper advertisement sufficiently to induce him to go out and buy one, he naturally goes to the first shop at hand and asks for it; if that shop has it in stock, as it is sure to if it is a nationally advertised product, then the sale is completed on the strength of the advertisement and the window show has nothing to do with it. On the other hand, it is to be presumed that there are a large number of people of undecided minds who read these advertisements without any concrete idea of purchase, and then the fact of passing down the street and seeing a window display "clinches the prospect," and so a sale is made. In either of these cases the manufacturer achieves his object, but it does not follow that it is to the benefit of any individual pharmacist. There is nothing to prevent all the pharmacists in one town having the same display in the same week—in fact, it is not unusual for a big proprietary concern to endeavour to arrange this so as to have a mass attack on one locality at the same time as they have a door-to-door distribution of samples or circulars, a splendid arrangement from their point of view and a wonderfully cheap advertisement at 10s. or so a window for a fortnight. If there are twelve pharmacies in the place the whole outlay is £6, or less than they would have to pay for a reasonably large displayed advertisement in the local paper for one issue. And I have known proprietaries on which large sums have been spent for advertising schemes which have fallen flat in spite of window display, and yet some lines which I have never shown at all sell steadily. In the long run it pays much better to use one's window space for one's own lines and chemists' goods.

Yours truly,

DISPLAYED (13/4).

SIR,—I am glad that individual chemists have been taking up this matter, which I advocated in your paper some time ago. It is such an important business, both for the advertiser of proprietaries and the vendor, that by far the most important way of coming to a mutual arrangement would be to place the matter before the R.P.U. and let it broadcast to advertisers that chemists now insist on getting rent for window displays in the same proportion as advertisers pay for omnibus and newspaper advertisements.—Yours, etc.,

SOLO (17/4).

Opening in Business

SIR,—If "Optimist" (*C. & D.*, April 13, p. 456) has £1,000, let him put it in gilt-edged securities and continue to draw his £7 a week. His net income will then be about £8 a week and all safe. If he goes into business he will get about £5 a week, long hours, lots of worry, and his capital all out at 0 per cent. Should he open a new business, the whole of the capital will be required to finance a gamble which, if he wins, will get him a living; if he loses—minus £1,000, plus a little wisdom.

I am, etc.,

SPENTIT (15/4).

SIR,—It would seem that "Optimist" is really asking somebody to make up his mind for him whether he should start in business on his own account or remain as a manager, which depends on the man himself. Some men make excellent assistants or managers because there is always the feeling at the back of their minds that the ultimate responsibility is not their own; such characters are lacking in that quality of independence which would render them successful on their own account. There are other men who are determined to be their own masters at the earliest opportunity, start with a much smaller sum than "Optimist" states he has at command, and make a success of it. So, first of all, I would advise "Optimist" to determine which class he belongs to; nobody else can

do this for him. The question whether one should rather open a new business or purchase a going concern has been discussed again and again, and the general opinion appears to be that for a man with small capital the latter course is the best. The facts can be ascertained by inquiry, the books can be gone through by an accountant, the stock can be taken by recognised stocktakers, the lease can be produced and examined, etc.; in fact, a genuine vendor will have these things ready with certified figures for the purchaser to see. To take the businesses "Optimist" quotes, it is impossible to give an opinion on the value without a good deal more information than the turnover and price—for example, the one doing £35 a week, or £1,820 yearly; it is obvious that the proprietor is not going to sell such a concern for £550 inclusive without some reason for such a low figure. Then there is the lock-up shop at a rental of £200 a year exclusive, that is £4 a week, then rates and taxes £2, lighting, boy's wages and minor expenses another £2, and if he allows himself a salary of £4 he will have an initial expense of £12 weekly. I think the £200 is too much for a beginner to pay for a lock-up shop, unless there is an exceptional opening. At the same time, if proprietors find it worth while to run a business under a manager and pay his salary, then it should surely be worth while for that manager to be his own master. As to question regarding chemist-opticians, when I was a manager any extra knowledge was expected to be thrown in for the good of the business, so that if "Optimist" is expecting a percentage of the profits he would be well advised to get a written agreement. Finally, if he can command a salary of £7 a week plus a commission or percentage, and then put his £1,000 into gilt-edged stocks, he will have an income of nearly £500 a year.—Faithfully yours,

BUSIMAN (15/4).

Pharmacy in South Africa

SIR,—May I ask the hospitality of your columns to point out to any entertaining the idea of coming out to South Africa that from January 1, 1929, the British qualification no longer entitles anyone to practice pharmacy without passing the Qualifying examination of South Africa? I gather the United Pharmacy Board of South Africa are aiming, as far as possible, to make the standard of the examination similar to that of Great Britain, in the hope that at no distant date an arrangement as regards reciprocity may be considered. I wish, however, to be quite clear that this is not official, but merely my own view on the situation. Furthermore, from what I gather, there are so many entering pharmacy here that I do not think it will be advisable for any more to come out from Great Britain—at any rate for the present. I notice very few of the fair sex in pharmacy here, and I would not advise any girls to come out just now. I hope to be back in England in May, and should any desire information regarding pharmacy in Australia, New Zealand or South Africa, I shall be glad to correspond with them on the subject.

Yours, etc.,

WM. H. SAUNDERS

(of Ayrton, Saunders & Co., Ltd., Liverpool).
Bulawayo.

D. and P. Work

SIR,—I see that in Liverpool (*C. & D.*, April 6, p. 405) the advisability has been discussed of taking legal action against persons who order prints of their films from chemists and then fail to call for them. Surely, if the trouble has reached such a stage as this, the easiest way of dealing with it is to institute a system of cash with order. The only difficulty is when the order is for developing and printing, as the number of prints is not certain; but in this case the developing can be charged, and, if required, a proportion of the amount chargeable if all the negatives are printable, so that the chemist would not lose by the transaction if the customer did not call for them. I think this method should be adopted universally; no reasonable customer would object, and the others would be brought into line.

Yours faithfully,

CASH ORDERS (15/4).

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

R. H. P. (6/48).—WHOOPIING-COUGH POWDERS.—The following is a formula which would meet your requirements:—

Whooping-cough Powders P.F.1

Sulphur, præcip. ...	...	...	...	3v.
Pulv. lobelia... ..	...	...	...	gr. x.
Pulv. ipecac. (simp.) ...	...	...	...	gr. v.
Zinci sulphatis ... ..	...	...	...	gr. v.
Pulv. sacch. lact. ... ..	...	...	ad	3xxv.

Put gr. v. in each powder. Dose for children up to five years, half a powder; over five years, one powder.

Lichen (2/48).—MOSS ON WALKS.—See *C. & D.*, February 2, p. 125.

T. T. (2/48).—PRESCRIPTION CHARGE.—According to the *C. & D.* system the prescription is priced as follows:—

Sodii salicyl. ... ..	...	...	...	3ij.	d.	2.5
Sodii iodi ... ..	...	...	...	3ss.		27.0
Sodii bromid. ... ..	...	...	...	3v.		3.5
Salicini ... ..	...	...	...	3ij.		18.0
Vin. colchici ... ..	...	...	...	3vj.		6.0
Glyc. pepsi ... ..	...	...	...	3iss.		10.5
Tr. digitalis (P.D.) ...	...	...	...	3ij.		2.5
Spt. chlorof. ... ..	...	...	...	3ij.		2.0
Dec. sarsæ co. conc. ...	...	...	ad	3viiij.		51.0
Container ... ..	...	...	...	...		2.0
Oncost ... ..	...	...	...	...		8.0

Charge 11s. 133.0

G. H. E. (10/48).—CHEMICAL BAROMETER.—The liquid used in the chemical weather glass is as follows:—

Camphor ... ..	...	...	...	3ss.
Ammonium chloride ...	...	...	...	3ss.
Potassium nitrate ...	...	...	...	3ss.
Rectified spirit ... ..	...	...	...	3j.
Distilled water ... ..	...	...	...	3ij.

Weigh the spirit into the bottle and dissolve in it the camphor, then add the salts and water (warm). Shake, and when dissolved filter.

H. H. C. (15/84).—ELECTRIC LINIMENT.—The following is the formula you require:—

Electric Liniment P.F.2

Rad. anchuse ... ..	...	...	...	3ss.
Pulv. capsici... ..	...	...	...	3j.
Spt. tereb. ... ..	...	...	...	3j.
Ol. camph. ess. ... ..	...	...	...	3j.
Ol. sassafras ... ..	...	...	...	3j.
Ol. origani ... ..	...	...	...	3ss.
Ol. gaultheriæ ... ..	...	...	...	3ij. mxxxvj.

P. J. R. (2/48).—EYE TROUBLE IN DOG.—Blindness occurs in dogs at all ages and from various causes. Your animal seems to be suffering from disease of the optic nerve, retina or cornea. If the opacity is due to ophthalmia, it is liable to end in opacity of the cornea; if due to disease of the optic nerve or retina it is more than possible that it is proceeding from brain trouble. Give aperients frequently, and daily doses of potas. iodid. and sodii salicyl. Apply to the eye either of the following:—

I				II			
Argent. nit. ... ..	...	gr. v.	...	Eserinæ ... ..	...	gr. 4-2	...
Aquæ ... ..	...	3j.	...	Paraf. mol. ....	...	3j.	...

In view of all the symptoms recovery is doubtful.

A. E. H. (4/48).—HYSTERIA IN DOG.—From your brief description there seems no reason why the animal should be destroyed. Try small doses of luminal sodium (say, ¼ gr. three times a day for the size of a six months' old fox terrier), which can be administered in the form of an elixir containing one grain to the drachm. Large doses of bromide have been recommended and chloretone condemned. If the former is continued for any length of time there is risk of bromism. Many cases of hysteria have been attributed to feeding with biscuits or meal of questionable value, while others hold that aural parasites are responsible.

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics.

Colon Oil

P. M. B. (8/48) asks what is generally supplied in response to a request for colon oil, which is stated to be used for clutches.

Tax Relief in Respect of Students

In comment on your reply to "Dubvan (7/3)" in the *C. & D.* of April 6 (p. 428), I am sure this matter would be of interest to many other chemists who have sons in a similar position, and if this matter can be thrashed out and a definite ruling obtained, I should, along with others, be extremely grateful. Would the position be strengthened if others joined in making a combined appeal to the Commissioners of Income Tax?—*Another Sufferer* (6/4).

Legal Queries

E. T. O. (9/84).—A man and his wife are both entitled to old age pensions, this year, under the Widows, Orphans, and Old Age Pensions Act. The wife is in receipt of a dependant's pension of 5s. a week in respect of a son who was killed in the war. Will the latter pension be continued? [Yes. A war pension in respect of a son's services is not affected.]

W. L. (9/84).—If a man dies intestate, does the whole of his property pass automatically to his wife? [The widow takes the personal chattels and also £1,000, free of duty, with interest at 5 per cent. as from the date of her husband's death. She takes the whole of the residue if the deceased left no issue, and has a life interest in a half, only, if he did leave issue.]

D. M. (25/2).—Provided you hold a patent-medicine licence you are entitled to sell proprietary medicines not containing a scheduled poison, which, if liable to medicine-stamp duty, bear a patent-medicine stamp. Unless you have served a regular apprenticeship to a registered chemist and druggist you are not entitled to claim the exemption extended to "known, admitted and approved" remedies.

B. K. (9/84) is secretary and manager and also a director of a company which carries on a chemist's business. Must he pay Unemployment and Health Insurance contributions? Also, must two apprentices, who are paid 17s. 6d. and 10s. a week, respectively, be insured? One of them is attending college during working hours. ["B. K." is liable to be insured unless his rate of remuneration is in excess of £250 a year. Both the apprentices must be insured.]

Retrospect of Fifty Years Ago

Reprinted from
The "Chemist and Druggist," April 15, 1879

Claude Bernard's Early Life

The brilliant discourse of M. Renan on his reception at the French Academy contains one passage in which we are all interested; it is the description of Claude Bernard, the great *savant*, to whose seat the new academician was promoted. Claude commenced his career as a pharmacist, and originally depended for his subsistence on the modest salary of an assistant. Having finished his studies at the College of Villefranche he went to Lyons, where he entered into the service of a pharmacien of the faubourg of Vaise, receiving in return his board and lodging. This pharmacy supplied the Veterinary School close by, and thither Bernard himself carried the physic destined for the sick animals. A curious thing occurred to Bernard, which probably has happened to others placed in a similar position. "Already" (we translate from M. Renan) "Claude cast more than one curious look on what he saw, and there were many things in Monsieur Claude, as his master styled him, which astonished the latter. It was chiefly the theriaca which he failed to understand. Every time Bernard brought damaged articles to the apothecary, 'Keep that for the theriaca,' observed the worthy man."



[Commenced C. & D., July 5, 1924]

Quinine, Commerce (continued from p. 459)

UNITED KINGDOM.—As a distributing centre for cinchona London is no longer an important factor, and the imports of recent years have been insignificant. In 1926 approximately 8,000 bales Java bark were consigned to British quinine makers, against 7,000 in 1927 and 6,000 in 1928. Apart from this the imports are small, as the following figures show:—

—	1924	1925	1926	1927	1928
East Indian ..	Packages 1,283	Packages 2,256	Packages 276	Packages 514	Packages 475
Ceylon ..	53	4	—	—	—
Java ..	422	26	18	60	—
W. Africa ..	—	75	436	—	—
Calisaya ..	2,078	3,816	477	2,430	297
Other South American ..	186	191	393	981	201
	4,022	6,368	1,600	3,985	973

It will be seen that Peru and Bolivia, the home of cinchona, send very little bark now, as very little interest is shown in them. The prices obtained have discouraged both growers and the importers, who advance money against shipments. At the moment there are not more than 200 bales of genuine Calisaya in the country, despite which there is no sign of further shipments. Hamburg formerly received numerous shipments of Calisaya and other South American barks, but has practically no stock now. Of Peruvian barks with no quinine and about 5½ per cent. total alkaloids, the U.K. stocks are about 650 bales, but there is no demand. India sends little bark to London, and that of fairly low percentage, the rich bark being evidently kept for home use. The only cinchona auctions now held are those of Java pharmaceutical bark at Amsterdam. During 1928, 2,946 packages (= 2,686 kilos. quinine sulphate) were sold, against 3,027 packages (= 3,118 kilos. quinine sulphate) in 1927 and 2,240 packages (= 2,453 kilos. quinine sulphate) in 1926. The stock of quinine sulphate in London, according to the Port of London Authority's return, was, on December 31:—

	Oz.		Oz.
1919	407,824	1924	35,776
1920	343,216	1925	30,512
1921	233,744	1926	25,312
1922	129,776	1927	29,712
1923	124,960	1928	34,176

The following statement shows the movements of "Peruvian bark" in the United Kingdom, according to the Board of Trade Returns, during the twelve months of the last three years:—

—	1926	1927	1928
Imports	Cwt. 19,595	Cwt. 16,255	Cwt. 21,040
Exports	3,429	3,763	4,495
Left for home use	16,166	12,492	16,545
Declared value, imports	£85,141	£69,805	£95,522

The following Board of Trade statement shows the import into and re-export of "Peruvian bark" from the United Kingdom in each month of 1928, compared with the year 1927:—

—	Imports		Exports	
	1927	1928	1927	1928
January	Cwt. 1,804	Cwt. 4,232	Cwt. 496	Cwt. 1,206
February	1,177	90	89	92
March	678	1,880	268	154
April	1,389	1,880	498	146
May	3,740	1,810	146	719
June	1,933	1,129	207	278
July	1,942	1,418	593	538
August	1,796	1,121	349	85
September	92	1,169	200	144
October	42	1,955	512	616
November	182	2,596	259	219
December	1,364	1,760	146	298
Total year	16,139	21,040	3,736	4,495

The stock of cinchona in London on December 31 for the past twelve years was as follows:—

	Packages		Packages
1917	7,115	1923	679
1918	4,098	1924	986
1919	3,723	1925	3,618
1920	4,285	1926	1,842
1921	6,078	1927	3,405
1922	3,126	1928	1,528

France.—The total imports of quinine and salts into France during 1927 were 200 kilos against 21,800 kilos in 1926. The total exports during 1927 were 38,800 kilos against 57,600 kilos in 1926. During 1925 the exports of French manufacture were 38,900 kilos against 37,300 kilos in 1926 and 38,800 kilos in 1927. The 1928 figures are not yet available.

Germany.—The imports and exports of quinine and its salts were as follows:—

—		1927	1928
		kilos	kilos
Imports	(1926, 15,500 kilos)	18,394	12,703
Netherlands		16,426	11,168
Exports	(1926, 91,963 kilos)	121,061	141,334
To—			
Greece		4,500	6,556
Great Britain		9,507	6,239
Italy		4,368	19,053
Jugoslavia		—	3,803
U.S.S.R.		15,851	16,246
Sweden		2,736	—
Switzerland		19,323	24,604
Spain		2,328	4,377
British India		14,814	12,386
China		3,336	5,299
Turkey		9,091	3,995
Brazil		4,043	5,950
Mexico		2,593	—
U.S.A.		4,749	5,827

Italy.—The imports and exports from and into Italy for the past three years have been as follows:—

Imports			
Quantity			
—	1925	1926	1927
Quinine and other bases of cinchona	Kilos 1,146	Kilos 720	Kilos 3,697
Quinine sulphate	11,531	10,689	4,715
Other salts of quinine	*1,322	*1,570	—
	3,522	3,599	3,211
	*291	—	—

* Received on reparations account.

Exports			
Quantity			
—	1925	1926	1927
Quinine and other bases of cinchona	Kilos 2,964	Kilos 1,656	Kilos 846
Sulphate of quinine	1,246	387	585
Other salts of quinine	19	365	855

The C.&D. Commercial Compendium

United States.—The imports and exports of quinine and its salts during the past six years were as follows:—*Sulphate*: 1923, 2,927,000 oz.; 1924, 2,270,000 oz.; 1925, 1,462,000 oz.; 1926, 1,520,000 oz.; 1927, 1,805,000 oz.; 1928, 1,791,800 oz. *Other salts and derivatives of quinine*: 1924, 271,300 oz.; 1925, 337,600 oz.; 1926, 123,000 oz.; 1927, 195,000 oz.; 1928, 165,700 oz. *Quinine alkaloid*: 1924, 165,700 oz.; 1925, 163,000 oz.; 1926, 9,800 oz.; 1927, 279,390 oz.; 1928, 174,400 oz. *Quinine, crude*: 1924, 165,700 oz.; 1925, 406,500 oz.; 1926, 213,700 oz. *Quinine, other salts and derivatives*: 1926, 123,000 oz.; 1927, 194,700 oz.; 1928, 165,700 oz. *Exports of quinine sulphate and other salts of cinchona*: 1923, 366,000 oz.; 1924, 326,000 oz.; 1925, 637,000 oz.; 1926, 315,000 oz.; 1927, 275,000 oz.; 1928, 247,620 oz.

India.—During the year 1927-28 the imports of quinine salts on private account fell from 1,920,000 oz. to 1,824,000 oz., while those on Government account receded to 1,008 oz. in 1927-28 from 1,136 oz. in 1926-27 and 25,600 oz. in 1925-26. Cinchona was imported on Government account to the extent of 272,000 lb. in 1927-28, compared with 205,000 lb. in 1926-27. The declared value of quinine salts imported in 1927-28 was Rs. 20 a.9 p.9 per lb.; 1926-27, Rs. 21 a.15 p.4; 1925-26, Rs. 23 a.11 p.9; pre-war average was Rs. 9 a.11 p.11 per lb.

Japan.—The imports of quinine sulphate and hydrochloride during 1928 were 9,670,215 grams, against 5,026,335 grams, and 7,795,229 grams for the corresponding periods of 1927 and 1926.

Java.—The shipments of bark from Java during the past few years were as follows:—

	Half-kilos		Half-kilos
1915-16	17,634,541	1923	13,804,000
1916-17	6,818,000	1924	13,158,000
1918	4,878,000	1925	9,158,000
1919	11,802,000	1926	12,078,640
1920	9,052,000	1927	11,793,990
1921	9,202,000	1928	13,380,882
1922	13,222,000		

The exports of quinine (kilos.) from Java were as follows:—1919, 642,719; 1920, 418,661; 1921, 519,940; 1922, 124,591; 1923, 250,805; 1924, 238,142; 1925, 179,982; 1926, 130,939; 1927, 74,749; 1928, 47,430 kilos.

Qualification, Certificate: Exhibition.—Section 3 of the Poisons and Pharmacy Act, 1908, requires that the person carrying on the business of a chemist and druggist must exhibit the name and certificate of qualification of the person by whom the business is so conducted "conspicuously in the premises." The terms cover the employer or manager.

Qualifying Examination.—This term now covers the examination for the chemist and druggist qualification and that for the pharmaceutical chemist qualification, as the two are no longer necessarily sequential. What was previously called Part I is, after July 1929, no longer a section of the Qualifying examination for a chemist and druggist or pharmaceutical chemist, but is called the Preliminary Scientific examination. The qualifying examination for the chemist and druggist includes pharmaceutical chemistry, pharmacy, pharmacognosy, and forensic pharmacy. A written paper in each and practical work in the first three are given, with an oral test added in pharmacy. It is held four times a year under present arrangements, and requires (after July 1929) nine months' college training in addition to having completed 4,000 hours in an open shop or recognised hospital dispensary. The Qualifying examination for a pharmaceutical chemist covers advanced botany, chemistry, pharmacognosy, pharmacy, written and practical, and one paper in forensic pharmacy. The Bachelor of Pharmacy (University of London) degree is not a qualifying examination, but is accepted in lieu of one, and registration is completed after the graduate has passed in forensic pharmacy.

Quinquina.—In 1737 the naturalist La Condamine, on a journey from Quito to Lima, through the province of Loxa, examined the tree which gave Peruvian bark (introduced into Europe in 1640) and published later a description of three species under the name quinquina. Linnaeus four years later proposed the name cinchona in honour of the Countess of Chinchon.

Quintal.—A metric measure of weight (100,000 grams) equal to 100 kilos, the British equivalent being 1.986 cwt., or 220.462 lb.

Quitch.—See Couch Grass.

Quit Rent.—Rent payable in respect of freehold land to the lord of a manor in consideration of which the tenant was excused from performing all other manorial services. Under the Law of Property Act, 1925, all quit rents will, ultimately, be redeemed.

Quorum.—The minimum number of executives or members of an association, society or official body which must be present at a meeting in order to render it competent by law or constitution to transact business. In a trade association or professional body, a quorum generally consists of the proportionate number of committee men which must be present before a meeting can be officially proceeded with; in the rules of the body concerned, the number thus constituting a quorum and having power to act in a representative capacity is generally stated. In a limited liability company it represents the minimum number of directors who must be present at any meeting in order to make the company's business transactions legal.

Quotation.—The sum or amount stated as the price of any commodity before a transaction in it takes place. The O.E.D. gives the year 1812 for the earliest use of the word in this sense. The manner in which quotations for goods are to be forwarded to a prospective buyer is a most important one, and it is to be noted with regret that the lack of sufficient care in giving a quotation or making an offer has resulted in many long-drawn-out legal disputes in the course of the past generation. It is imperative that both the vendor and buyer should fully understand the conditions of an offer before treating with it. It is not generally known that offers made by a seller can be withdrawn before acceptance, and even when offers are described as being "firm," i.e., a specific offer is made, even that can be withdrawn by the vendor before acceptance, unless some consideration is given by the intending buyer for the use of that offer during the time the "firm" offer is in operation. A "firm" offer made by a company, corporation, etc. (under seal) is in a different position. Needless to say, amongst good class commercial houses the withdrawal of a "firm" offer by the vendor would be regarded as very sharp practice, although correct from a legal point of view. It is often dangerous to make quotations "subject to being unsold on receipt of reply," as should the market be in the seller's favour he might consider himself as being in the position of being able to ask a higher price than that of the original quotation; whereas, in the case of the goods still being unsold, a buyer has the right to claim the goods at the original price. The safest method in making a quotation is to indicate that the offer is "without engagement," or subject to acceptance being received by the vendor within an agreed time. In the Mincing Lane drug and produce markets "firm" offers (which strictly should always be given in writing) are invariably given verbally, unless specially requested to the contrary. This means that both parties, the seller and the buyer, are agreeable to accept, by word of mouth, the conditions of an offer up to almost any value. This confidence between the two parties is responsible for the high standard of commercial morality prevailing in Great Britain, and which has always been the envy of the leading commercial centres throughout the world.

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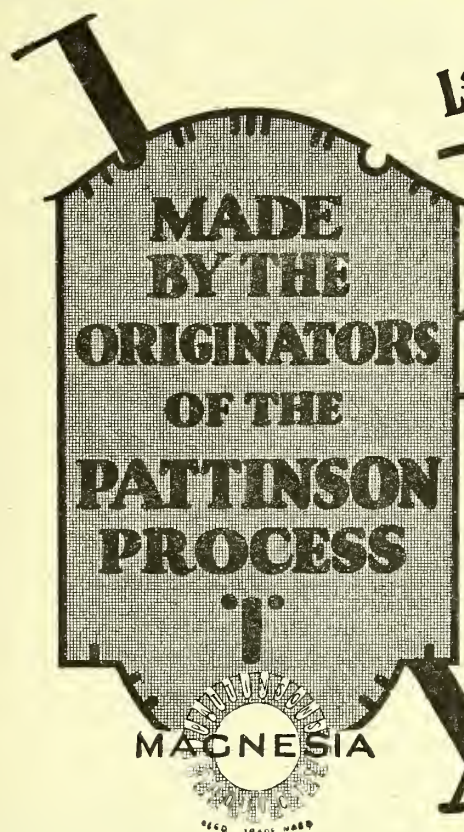
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A test will demonstrate what a great power 'ASPRO' Publicity is to help the Chemist. It is not only on account of the actual 'ASPRO' that it usually sells, but also on its great value in bringing customers into the Chemist's shop who would not otherwise have come in. Every time you put an 'ASPRO' window display in you connect up with a £250,000 continuous advertising activity just the same as if you put your own name at the foot of the advertisements. Why not write us for a window display to-day, also take advantage of the liberal bonus terms shown below whereby you can make an extra 17% profit?



SEND FOR ONE OF THESE DISPLAYS



Buy 'ASPRO' on Bonus Terms and Get 17% EXTRA PROFIT

Just have a look through your purchases of 'ASPRO' and you will find that you are in a position to buy on Bonus terms. Buying on Bonus terms means extra profit averaging 17% to you. So why not place your next order through your Wholesaler on Bonus terms?



WHAT THE BONUS IS

BONUS on 10's { One Gross Order - Bonus 1 doz. pkts.
Half Gross Order - Bonus ½ doz. pkts.
Half Gross 10's is minimum order accepted for Bonus purposes.

BONUS on 25's { One Gross Order - - Bonus 2 doz. pkts.
Half Gross Order - - Bonus 1 doz. pkts.
Quarter Gross Order - Bonus ¼ doz. pkts.
Quarter Gross is minimum quantity.

NO BONUS ON 60's.

CONDITIONS

The only conditions made are that the Chemist who buys on these terms undertakes to show Advertising matter in his shop window for 14 days and sell at advertised prices. As 'ASPRO' is so extensively advertised, this action will not only bring customers into the Chemist's shop to purchase 'ASPRO' but should enable the Chemist's staff to make other sales to the customers. Acceptance of Bonus is considered acceptance of conditions regarding display and selling prices. For Bonuses it is not necessary to buy both sizes at the same time, i.e., single lots 6 dozen 10's or 3 dozen 25's will qualify the Chemist.

HOW TO ORDER BONUS PARCELS

We do not sell direct to the Chemist. All our business goes through Wholesalers. Orders may be sent either to your Wholesaler or direct to us. If to us, state the name of your Wholesaler so that we may forward the order on, and the Bonus will be supplied direct by us.

ORDINARY PRICES for { 6d. size containing 10 tablets - 4/6 dozen } **NOTE.**—2/6 size contains
'ASPRO' are as follows: { 1/3 size containing 25 tablets - 11/6 dozen } 10 extra tablets.
{ 2/6 size containing 60 tablets - 21/- dozen }

'ASPRO' consists of the purest Acetyl Salicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Agents: GOLLIN & Co. Pty. Ltd. ('Aspro' Dept.), Slough, Bucks.

No proprietary right is claimed in the method of manufacture or the formula.

'Phone: SLOUGH 608

M.A.B.

(MULFORD ACIDOPHILUS BLOCKS)

MULFORD Acidophilus Blocks—M. A. B. meet every demand exacted by the theory and practice of Acidophilus therapy.

Put up in the form of chocolate-coated cubes or blocks, containing the concentrated culture of living Acidophilus bacilli, they have the appearance of high-grade chocolates.

They look good, taste good, and offer the most attractive, palatable and economical way of taking Acidophilus treatment.

Each block contains the equivalent of a pint of best Acidophilus milk culture. Effective, yet entirely free from laxatives, cathartics, or drugs of any kind.

Supplied in sealed boxes containing twelve blocks, each attractively wrapped in silver foil.



H. K. MULFORD COMPANY, LTD.

Regent Arcade House, 252 Regent Street, Oxford Circus, London, W.1

Telephone : Regent 2567.

DEPOTS IN AUSTRALIA, CANADA, CHINA, INDIA, SOUTH AFRICA, AND STRAITS SETTLEMENTS.

Chemists & Druggists

should note that

Beecham and Veno Proprietaries yield fair profits, and are the best paying propositions to handle.

Beecham and Veno Proprietaries entail no loss to the Chemist, as any stocks which may become damaged in any way are promptly replaced free of charge.

Beecham and Veno Proprietaries are now regarded as the best selling proprietaries in the Drug Trade.

Beecham and Veno Proprietaries are worth a display in your establishments, as their steady and increasing sale will amply repay any selling co-operation extended to them.

It is therefore in the interests of all Chemists and Druggists to hold good supplies of

BEECHAM'S PILLS

DR. CASSELL'S TABLETS

GERMOLENE

VENO'S LIGHTNING COUGH CURE

BEECHAM'S POWDERS

For latest Price List and particulars send a post-card to

BEECHAM'S PILLS, LTD., Chester Road, MANCHESTER

Tested, Tried and Proved

THE value of 'Yadil' is fully recognised by qualified judges. It has been sold all over the world and is being used to-day "back of beyond" as well as in the homes of our own country. Its sale is steadily increasing, old customers are retained while new ones are being added. One or two displayed bottles will quickly establish business which will prove profitable and regular. Any assistance we can give in the provision of advertising material is yours for the asking. The 'Yadil' lines cover, 'Yadil' Anti-septic (liquid and pills), 'Yadil' Ointment, 'Yadil' Pastilles and 'Yadil' Soap.

Yadil Products (1925) Ltd.
Sicilian House, London, W.C.1

enter



Kamberol is now marketed for the first time on a large scale—after years of testing and careful research—and backed by national advertising. Kamberol gives complete and lasting protection against all stinging insects—it turns a cloud of midges into a harvest of plenty for the retail chemist. Bonus of $\frac{1}{4}$ dozen FREE on initial orders of 2 dozen during the month of April—a clear profit of 68% on outlay.

Wholesale Price	Retail Price
12/-	18/-
per doz.	per doz.

Minimum Bonus Parcel:

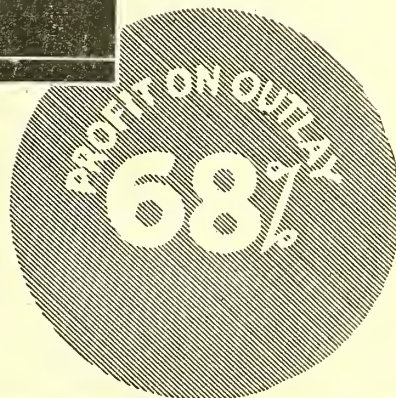
	cost	sell for
2 dozen Kamberol tubes	£1 4 0	£1 16 0
3 tubes FREE	nil	4 6
	<u>£1 4 0</u>	<u>£2 0 6</u>

PROFIT—16/6 on outlay of £1 4 0

Send your order now and be ready for the summer demand

KAMBEROL

Wholesale Distributors for the United Kingdom:
Meggeson & Co., Ltd., Bermondsey, London, S.E.16





The sale of Matte Real is an extra sale, not a substitute sale, therefore the profit is an actual one.

Chemists will find that a small display of packets on the counter leads to satisfactory results to their customers and to themselves.

**Extra
Sales**

**No
Trouble**

**33 1/3 %
Profit**

The interest in Dietetics makes it easy to introduce to your customers this INVIGORATING, DIURETIC, & PALATABLE BEVERAGE, for use in all cases of Gout, Rheumatism, Arthritis, Neuritis, Dyspepsia, Diabetes.

We should be pleased to send you a sample packet for trial.

TERMS:—

Cases containing the following sizes :

24 x 1/6	} Carriage Paid. 1 Month. less 33 1/3 %
12 x 2/9	
6 x 5/-	

Show Cards, Window Bills, Circulars and Handbills are sent with each order.

Supplies can be obtained from all Wholesalers or direct.

Special terms for original cases containing—

400 packets	@ 1/6
or 200	@ 2/9
or 100	@ 5/-

Peek, Bros. & Winch, Ltd., 20 Eastcheap, London, E.C.3

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

VINUM AURANTII B.P.)

Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)
Samples from Head Office, Thomas Street, DUBLIN, or London Office, 74 Great Tower Street, LONDON, E.C.3.

HONEY

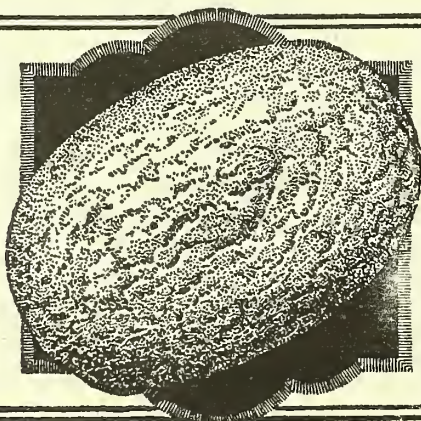
CHOICE ENGLISH HONEY. 1/2 lb. Glass Jars, 11/- doz., 1 lb., 20/- doz.

FINEST CALIFORNIAN WHITE CLOVER " " 7/6 " " 12/6 "

Ditto in patent containers 2 oz. 2/8, 4 oz. 4/3, 8 oz. 6/9, 16 oz. 11/- "

NATURAL LIQUID HONEY, Tupelo, not clarified, natural non-setting Nectar, in Glass Jars, 1/2 lb. 8/6, 1 lb. 14/- doz. Also French, New Zealand and Canadian Honey

C. W. HARPER, 254 STOCKPORT ROAD, MANCHESTER



*Two thirds
actual size*

Bath Rusks

Unsolicited testimonials daily for Carr's famous Bath Rusks which are ideal for babies and young children. Scores of letters from grateful mothers. Recommended everywhere.

Made only by
CARR'S of Carlisle
The Oldest House in the Trade

This entirely new line

has heavy advertising

and fine profits behind it!

An amazing discovery!
Sparkling
PINE TONIC BATHS
in your own home!
THE beautiful golden
essence draws out all the poisons lurking in the pores of the skin.

Why not a sparkling tonic pine bath to-night?
It will give a delightful tingling freshness to your skin!
THE beautiful golden coloured pine essence draws out all the poisons lurking in the pores of the skin. At the same time it creates a fragrant oronic atmosphere which refreshes the lungs and stimulates the action of the heart.

Here's a new idea —
Sparkling tonic pine essence in your bath!
THE beautiful golden coloured pine essence draws out all the poisons lurking in the pores and increases the circulation at the surface of the skin. At the same time it creates a fragrant oronic atmosphere which refreshes the lungs and stimulates the action of the heart.

For tired nerves, rheumatic stiffness or that "draggy" feeling the benefit is simply amazing; and after a long day's work or strenuous exercise a Novopine TONIC Pine Bath is just sheer joy.

Just one Sparkling Pine Tablet in your bath will refresh your whole body and give you a wonderful feeling of comfort and exhilaration.

Your chemist will supply you with Novopine or add 10 stamps will bring you, post free, a sample direct. Order a carton to-day or fill in the coupon below for sample.

Novopine
Sparkling Pine Bath Tablets

Write to Chemists can supply you.

Cartons containing 6 tablets 2/-
Large Boxes containing 5 cartons 6/-

Send this coupon to-day—

Write to NATURAL PRODUCTS LTD.,
40, FURNIVAL STREET, E.C.4.
I enclose 10/- in stamps for sample of Novopine Sparkling Pine Bath Tablets.
Please send at once to address below

Name _____
Address _____

FROM NOW ON—week by week, striking advertisements are appearing for this remarkable new product in leading daily, women's and medical journals. Any customer you introduce to Novopine Sparkling Pine Bath Tablets will be grateful to you for having drawn attention to them.

They are sold in delightful gold coloured boxes, which are a positive adornment to any counter, and so soon as you decide to display them you will find them selling fast! We recommend all chemists who enjoy trade in good class districts to order a stock of this line.

If you have any difficulty, write direct to Natural Products, Ltd., 40 Furnival Street, E.C.4. We will see you are supplied at once.

2/-
per carton
containing 6
Tablets

6/- per box
containing 3
Cartons

Novopine

Sparkling Pine Bath Tablets

Your wholesaler stocks it!

LYCO

PURE CULTURE YEAST TABLETS

100% Pure Yeast and 50% LIVING YEAST CELLS.

Bottles 25 Tablets **10½d.** 50 Tablets **1/6.**
P.A.T.A.

33⅓ % Profit to Retailer.

Special Bonus Offer for 14 days' Window Display.

TERMS ON APPLICATION TO
THE STANDARD YEAST CO., LONDON, W.4

Iglodine.

THE SAFE AND PURE ANTISEPTIC,

And its Kindred Preparations, are Dependable,
Quick-selling and Profitable to the Chemist.

THEY SATISFY BUYERS AND BRING REPEAT ORDERS!

IGLODINE, the Ideal Home Healer, is Highly Recommended by the Medical Faculty, and Retailers at 10½d., 1/6 and 3/- per Bottle. **IGLODINE Specialities include—EMBROGATION, TOILET SOAP, OINTMENT, CREAM, THROAT TABLETS, SUPPOSITORIES, SHAVING STICK, PASTILLES, NASAL DOUCHE, SALICYLATED: Also FIRST-AID OUTFITS.**

P.A.T.A. Photo-Litho Showcards. Window Display Scheme.
Particulars and Prices from

THE IGLODINE Co., Ltd., NEWCASTLE-ON-TYNE.



Has remarkable drawing power in removing unhealthy matter from the tissues.

"ONZO" OINTMENT

Recommended for—CHILBLAINS, CORNS, SPRAINS, SEPTIC WOUNDS & SORES, DRY OR WET ECZEMA, VARIOUS ULCERS, BURNS, BOILS, ETC.

"ONZO" 2/3 Jars. "ONZO" 1/3 Tins.		
1 Dozen 21/- per doz.	12/- per doz.	Cash
6 Dozen 18/10 " "	10/10 " "	Discount
12 Dozen 18/4½ " "	10/6 " "	2½% 1 month

TRADE ENQUIRIES TO—**ONZO Ltd., 188 St. Vincent Street, GLASGOW.**

ESTABLISHED 1793.

The Best and
Safest Infants'
Medicine of
over 130 years'
standing.

ATKINSON & BARKER'S
INFANTS' PRESERVATIVE

Does not
contain
any
Scheduled
Poison.

ROBERT BARKER & SON, LTD., 13 WESLEY STREET, C. on M., MANCHESTER



FABRITIUS, OSLO.



What Cod Liver Oil Does:

It stimulates normal growth which has ceased or become stunted owing to lack of sunshine or proper food.

It prevents and cures rickets in children.

It gives increased protection against epidemics and against wasting diseases, such as consumption.

It maintains the strength during illness and assists recovery.

It builds up the system after illness and restores health, vitality and strength.

There is no proved efficient substitute for Cod Liver Oil as a natural source of the essential Vitamins A and D.

NORWEGIAN COD LIVER OIL

National Committee for Promoting the Consumption of Norwegian Cod Liver Oil, Post-Box 226, Bergen, Norway.



FOR
PARAFFINUM LIQUIDUM B.P.
 All Specific Gravities Guaranteed to remain bright at 0°C

White & Half White Oils.
B.P. White & Yellow Petroleum Jellies.

QUOTATIONS & SAMPLES
 will be sent on application—

26 GROSVENOR GARDENS,
 LONDON — — S.W.1.
 Telephone: Sloane 3461 (7 lines).
 Telegrams: "Dicotto, Sowest, London."
 and at
 GLASGOW LIVERPOOL
 NEWCASTLE CARDIFF

W.B. DICK
 & CO LTD

PETROLEUM JELLY

Best qualities Yellow and White B.P. Red Veterinary and Green.

GOUGH, KIDSTON & CO.
 43/45 Gt. Tower Street, London, E.C.3

Tel. No.: Royal 2666 & 2667. | Also GUM ARABIC and TRAGACANTH | Works: Bermondsey,
 Tel. Add.: Kidstonism, Bilgate, | BEESWAX and JAPAN WAX. | Tel. No.: Hop. 2029,
 London.

SITORA REFINING CO. LTD.

Ask for
 Quotations
 and Samples.

OUR SPECIALITIES:
 PARAFFINUM LIQUIDUM B.P.
 TECHNICAL WHITE & HALF-WHITE OILS
 COLOURED BRILLANTINE OILS

27 MINCING LANE, E.C.3

Royal 2944.

Petroleum Jelly

White, Yellow, Amber,
& Ruby Red, for all
Pharmaceutical and
Veterinary purposes

MEADE-KING, ROBINSON & CO., LTD.

22 Water Street
LIVERPOOL.

523 Salisbury Hse
Finsbury Circus
LONDON.

Deansgate Arcade
MANCHESTER.

Martineau Street
BIRMINGHAM.

Wellington
Chambers
LEEDS.



HANDSOME 3-COLOURED ENAMELLED TIN.
P.A.T.A.—1/3, 10/- per doz. ; 3/-, 24/- per doz.
SOLD EVERYWHERE. Manufactured by
LOFTHOUSE & SALTMER Ltd., HULL.

PETROLEUM JELLY
("SALVO PETROLIA")
BRAND

THE PERFECTION OF PETROLEUM JELLY
MANUFACTURED SOLELY BY

THE DEE OIL CO. LD.
D 23 & 24 EXCHANGE BUILDINGS
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TELEPHONE: —
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"CESTRIAN"

LONDON OFFICE
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PACKED IN BARRELS, KEGS OR
SMALLER PACKAGES IF DESIRED

OTHER GRADES OF
PETROLEUM JELLIES, WHITE BASES ETC.
WHITE OILS, B.P. & Technical Qualities
SAMPLES & PRICES ON APPLICATION

OLEUM DEELINÆ (DEE OIL)
THE UNFAILING CURE FOR ECZEMA

PURE RUSSIAN LIQUID PARAFFIN MEDICINAL B.P.

ALL GRAVITIES.

HIGHEST VISCOSITY.

PURE RUSSIAN "JASMINE" BRAND WHITE OILS

CHEMICALLY PURE. WATER WHITE. ODOURLESS.
FOR MANUFACTURING PURPOSES.

*Competitive Prices.**Best Quality.**Immediate Delivery.*

THE PURE RUSSIAN LIQUID PARAFFIN CO., LTD.
80 BISHOPSGATE, LONDON, E.C.2

Telephone: LONDON WALL 7132-7133.

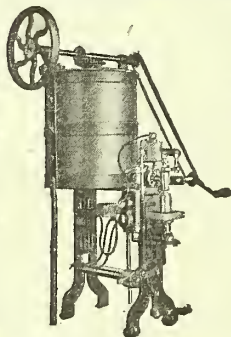
Telegrams: "INVATORE, STOCK."

Roberts' Original Patent BOTTLE FILLING MACHINES

The record makers in speed filling with cleanliness. Foot-Operated Machines. From £5 5s.
Hand-Operated Machines. From 36/-.

Soundly constructed, simple in action, easy to clean.

NEW PATENT SHALLOW TIN FILLING MACHINES.



"ROYAL"

Automatic CAN FILLING
MACHINES, MIXING
MACHINES, CORKING
MACHINES.

NEW PATENT ACCESSOR-
IES TO "NELSON,"
"VICTOR" and "NAVY"
BOTTLE FILLING
MACHINES enable them to be
used as Vacuum Fillers, Gravity
Fillers or Pressure Fillers at will.

WRITE TO-DAY TO

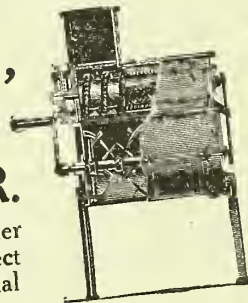
**ROBERTS' PATENT
FILLING MACHINE CO.**

33 Roundcroft Street, BOLTON, LANCs.

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"RAPID"— but reliable.

GARDNERS Patent "RAPID" SIFTER and MIXER.



Gardners "Rapid" Sifter and Mixer will give a perfect blend. The special Internal Agitator ensures accurate sifting and mixing of the materials placed in the machine, irrespective of the diversity of their proportions; if necessary, $\frac{1}{2}$ oz. can be perfectly blended with hundredweights.

Write us for list of
Ball Mills, Disintegrators,
Millstones and
Mills, Drum Sieves,
Drying Machinery, etc.

Wm. GARDNER & Sons (Gloucester) Ltd.
Bristol Road
Gloucester.

Tel. Gloucester 2288 (2 lines).

Grams: Gardner, Gloucester.

PETROLEUM JELLIES

WHITE, LEMON, YELLOW, AMBER,
RED, GREEN.

WHITE & COLOURED OILS

YELLOW, GREEN, RED FOR BRILLIANTINE, etc.

LIQUID PARAFFIN

COLOURLESS, TASTELESS, ODOURLESS.
ALL SPECIFIC GRAVITIES.

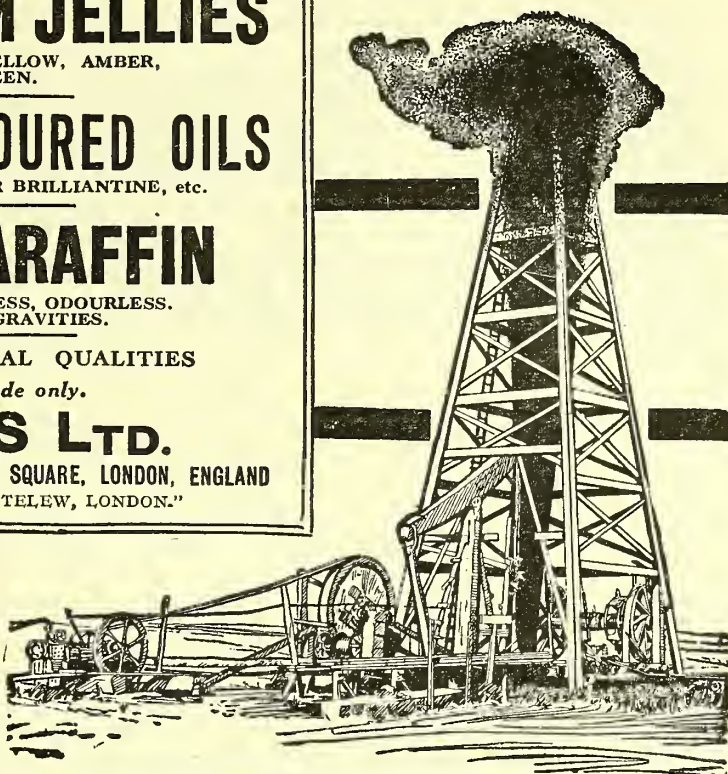
B.P. AND TECHNICAL QUALITIES

Wholesale Trade only.

STERNS LTD.

ROYAL LONDON HOUSE, FINSBURY SQUARE, LONDON, ENGLAND

Telegrams: "CENTUMVIR, TELEW, LONDON."



ADEPS LANÆ, P.B.

THE FINEST BRITISH LANOLINE PRODUCED

IS MANUFACTURED BY

THE PHARMACEUTICAL LANOLINE CO.

Carnwath Road, Fulham, London, S.W.6

Telephone: Putney 1153 and 1154.

WHO INVITE ENQUIRIES. Telegrams: "Batapo, Walgreen, London."

BEE-HIVE

TRADE



MARK

REGISTERED FOR OUR
WELL-KNOWN BRANDS
OF CERESINE WAXES.

CERESINE WAX

WHITE BLEACHED CARNAUBA WAX VARIOUS GRADES
AND RESIDUE
BEESWAX WHITE, YELLOW AND COMPOSITION PARAFFIN WAX ALL MELTING
POINTS
OZOKERITE WAX ALL GRADES

POTH, HILLE & CO., LTD.,

6 Lloyd's Avenue, London, E.C.3.

Works at
Stratford, E.

SOL-VO SANITARY ROLLS & PACKETS.

SOL-VO

REGD

THE BEST & PUREST

SANITARY PAPER



	per doz.		per doz.
Three dozen Rolls	... 7/- net.	Three dozen Packets	... 10/- net.
Half gross	... 6/6 "	Half gross	... 9/6 "
One gross	... 6/- "	One gross	... 9/- "
Five gross	... 5/3 "	Five gross	... 8/3 "

CARRIAGE PAID. CASES FREE.

FORD, SHAPLAND & CO. Ltd.LABELS & SHOWCARDS—PRINTERS—CARTONS & ENVELOPES,
GT. TURNSTILE, HIGH HOLBORN, LONDON, W.C.1.

TELEGRAMS: FORSHAPCO, HOLB. LONDON.

TELEPHONES: HOLBORN 4695/7.

"Wimaco" Specialities, British and Best.

INFANTS' TRUSSES and UMBILICAL BELTS

INSIST ON WIMACO MONARCH SEAL BRAND (Regd.). THERE IS NO SUBSTITUTE FOR WIMACO.
WINCHESTER MANUFACTURING CO., LTD., ISLEWORTH, MIDDLESEX**CONTRACEPTIVES**of every variety and highest qualities, including the famous
"EMPIRE" Brand. WRITE FOR CATALOGUE.**BURGE, WARREN & RIDGLEY, LTD.**

91/2 Great Saffron Hill, LONDON, E.C.1.

*Phone—Holborn 0050.

Telegrams—Pessaries, Smith, London.

FORSTERS & VAPOURISERS
for
FENOLIN Whooping Cough
FLUID

ON P.A.T.A.
4.11.11/5 11/-

Hall, Forster & Co., Ltd.
Newcastle-on-Tyne.

SIMPLIC (Patent) SOOTHERS

THE BEST MADE SOOTHER ON THE MARKET.

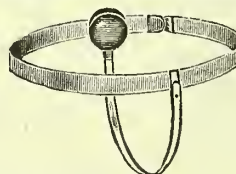
Each Soother
packed in Dust-
proof Carton.No stale stock
from exposure
or handling.2 dozen Soothers
in Artistic
Container,
as illustrated.Ask also for
SIMPLIC TEATS
Each in Carton.Packed in
Display Outer
of 3 dozen
assorted Teats.The Name
"SIMPLIC"
is a Guarantee
of Excellence.

Made in two sizes.

SIMPLIC SPRINGLESS TRUSS

FOR BATHING AND EVERYDAY WEAR.

Made with Circular, Inguinal or Scrotal Pads.

**INSTANTLY
ADJUSTED.****FITS EVERY
SIZE & SHAPE
PERFECTLY.****SUITABLE FOR
ALL CLIMATES.**The SIMPLIC TRUSS is specially designed for Bathing. It gives
just the correct support for each case.**CAN BE WORN
AT ALL TIMES
UNDER ALL
CONDITIONS.****THE PERFECT
TRUSS.****ASK YOUR WHOLESALE FOR LATEST TERMS.**Manufactured by **J. G. FRANKLIN & SONS, LTD.,** BIRKBECK RUBBER WORKS, LONDON, E.8.Makers of Fine Rubber Pro-
ducts for over Sixty Years.

The Surgeon's Choice!

Every Surgeon knows that Mead's Plaster is—

The Original.

Instantly and Firmly Adhesive.

No Heating or Moistening.

Perfectly Pliable but Strong.

Non-Irritating.

Free from Dammar Resin.

Least Affected by Changes of Climate.

Supplied in every convenient width on spools of 10, 5 and 2½ yards. Also 7 and 12 inches wide, Plain or Porous, in 1 and 5 yard rolls, etc.,

Also

**MEAD'S
"MULTIWIDTH"
Rubber Adhesive
Plaster**

and

**SEABURY'S
"MULTIWIDTH"
Oxide of Zinc
Plaster**

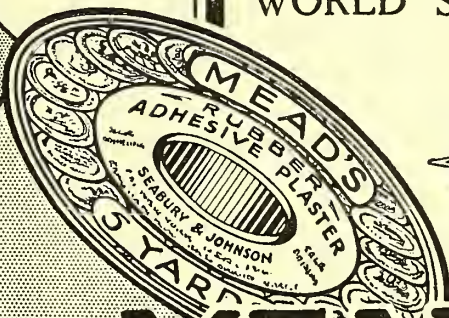
On single spools containing 4 WIDTHS:
¼ in., ½ in., ¾ in.,
and 1½ in.

By reason of these qualities Mead's Plaster answers perfectly in every case requiring the use of strapping plaster and is preferred by surgeons and hospitals, by military, naval, police and other authorities. To sell Mead's is to sell the Plaster that has set A WORLD STANDARD of reliability.

Sole consignees

FASSETT & JOHNSON L

86 Clerkenwell Road, LONDON, E.C.1
And at DUBLIN · SYDNEY · CAPE TOWN



MEAD'S Rubber Adhesive Plaster

Best sellers

The public is asking for **ZEAL** CLINICAL THERMOMETERS because they are:-

GUARANTEED TO STAY ACCURATE CONSISTENTLY ADVERTISED

Made by
ZEAL

-the name the public knows.

G. H. ZEAL, LTD.,
75 & 77, St. John St., London, E.C.1



“Surco”

RELIABLE

**ELASTIC HOSIERY
BODY BELTS
TRUSSES
SUNDRIES**

WRITE FOR CATALOGUE

Surgical Hosiery Co., Ltd.

RUSSELL STREET
NOTTINGHAM

“MOSANS”

Non-Greasy, Odourless

QUININE PESSARIES



15/-
per dozen
boxes

ORDER THROUGH USUAL WHOLESALER.

Avoid Imitations and see the No. 332117 on each box.

Write for terms to the manufacturers.

15 Eimcourt Rd., London, S.E.27

Always keep a display of

NORVIC
BLUE CARTON
CRÉPE BANDAGES

Cost	2 ² / ₂	2 ³ / ₄	3 ¹ / ₂	3 ³ / ₄	4 ¹ / ₂
Sell	12/-	15/3	18/3	21/3	24/3
	1/6	1/11	2/3	2/8	3/-

You will find it pays!

Stocked by all the leading wholesalers.



KARL HÖLL A.-G.
Langenfeld, near Cologne, Germany
EXPORT TO ENGLAND SINCE 1884.

Manufacturers of:-

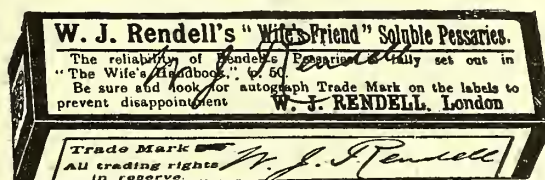
TUBES of all kinds,
plain and decorated.
SPRINKLER TOPS of
all sizes and styles.



IMPORTANT: When asking for quotations send samples already used and state quantities required. Goods will arrive in 3-4 days with direct steamer from Cologne.

*First———50 years ago
Unequalled——To-day*

**RENDELL'S
SOLUBLE QUININE PESSARIES**



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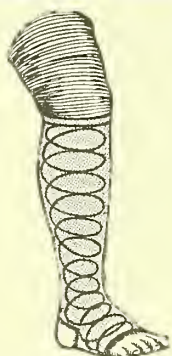
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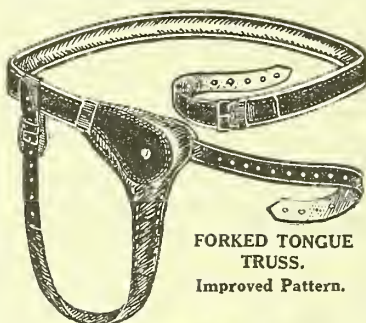
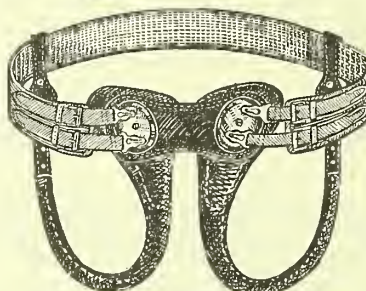
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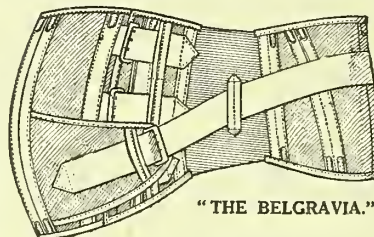
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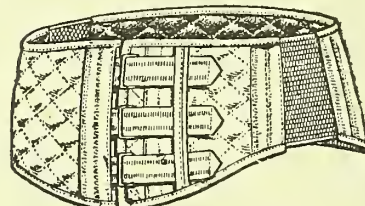
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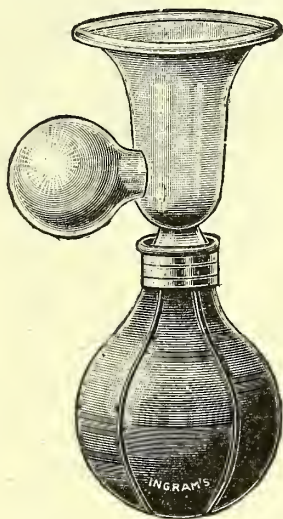
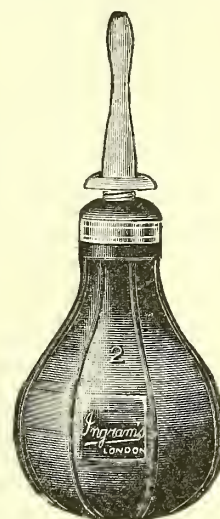
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INGRAM'S FIG. "193."

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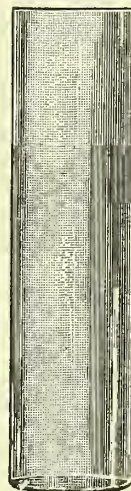
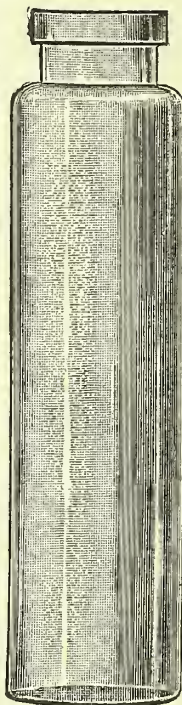
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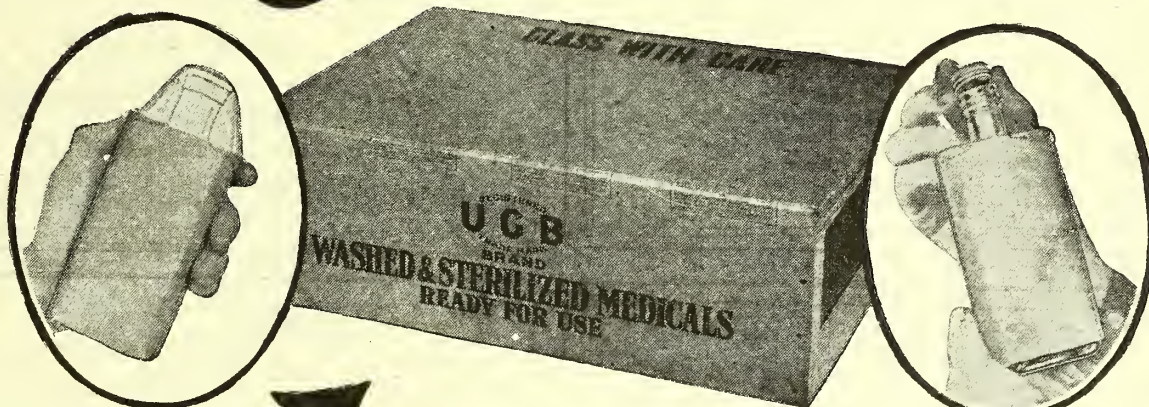
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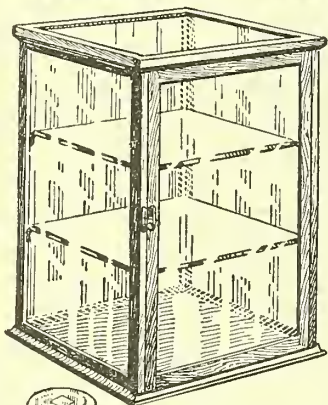


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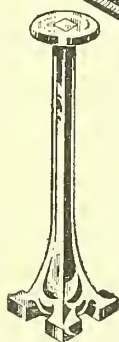
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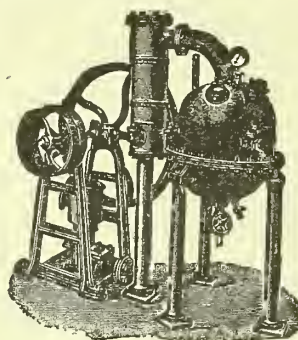
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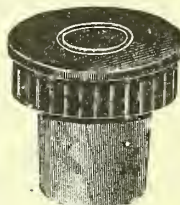
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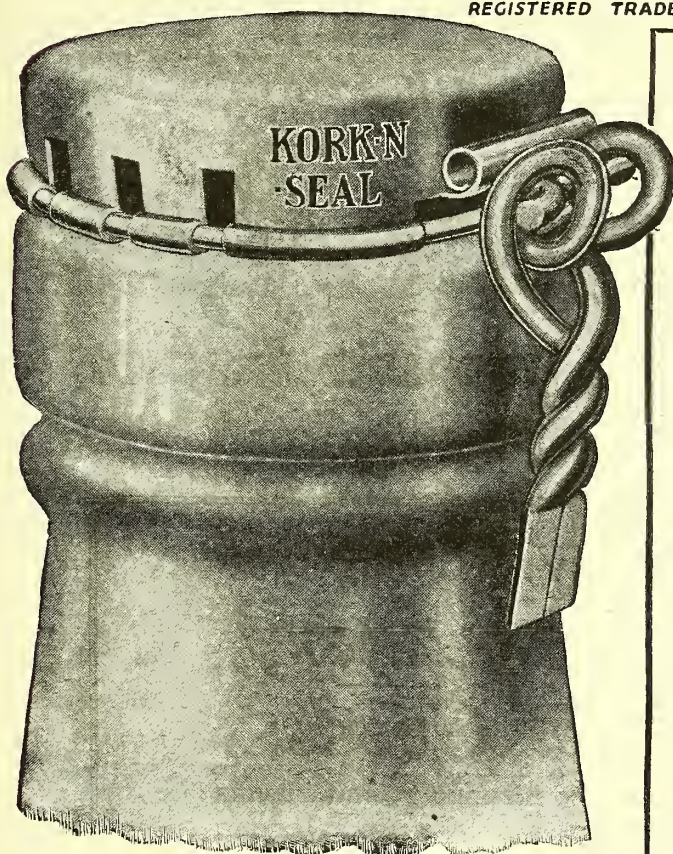
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7.—MIDDLESEX.—General Retail and Dispensing Business; returns, under management, about £25 weekly; single-fronted shop, well fitted and stocked; rent £52; long lease; price £500;

vendor is desirous of selling forthwith and will meet a purchaser reasonably.

8.—SOUTHERN COUNTY.—General Retail and Dispensing Business offering scope for increase; returns approach £4,600 per annum; chartered accountant's figures; double-fronted shop in main road, well fitted and heavily stocked; freehold must be purchased; further details on application.

9.—WEST OF ENGLAND.—Good-class Dispensing and Retail Business with Kodak Agency and Optical connection; very old established; returns exceed £3,000 per annum at good prices; very good house; moderate rental; terms, valuation of stock and fixtures and a sum for goodwill.

10.—YORKS.—For immediate Disposal, General Retail Business with Kodak Agency; returns average £1,000 per annum, with net profit £330 (auditor's figures); estimated value of stock and fixtures, £600; rent £35; rates £12; price for quick sale, £650.

11.—DORSET.—Drug Store with Post Office and Tobacconist's combined turnover about £2,250 per annum; premises comprise two shops and living accommodation; rent £140; new lease will be granted; price £1,500.

12.—WEST OF ENGLAND.—General Retail and Dispensing Business, with Kodak Agency; returns last year approached £1,550; scope for increase; good living accommodation; long lease; low rent; stock and fixtures estimated at £1,000; price £1,200.

13.—WALES (Inland Health Resort).—Family Retail and Dispensing Business; returns last year about £1,440; moderate rental; price to be arranged; further details on application.

14.—HERTS.—Good-class Retail and Dispensing Business, with Kodak Agency; returns, present rate, under the management of a lady, well over £20 weekly; scope for large increase; rent £50; held on lease; price £700.

Messrs. O. & Co. desire to emphasize the necessity of a periodical Statement of Account by which means alone Profit, the Value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes confusion and loss.

Valuations for Stocktaking

Messrs. O. & Co. are prepared to undertake these essential duties and make Special Terms for such service.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.4

The Association of Manfg. Chemists, Ltd.

Business Agency, Transfer & Valuation Department

Head Offices—Kimberley House, Holborn Viaduct, London, E.C.1 (and at 2 Bixteth Street, Liverpool).

PARKIN S. BOOTH, Accountant and Valuer. Phone: City 1261-2-3

BUSINESSES FOR DISPOSAL

1.—**CARMARTHENSHIRE**.—Old-established Chemist's Business situated in good position on main street, with living accommodation; held on lease for 7-14 years; rent £400 p.a.; returns average £35-40; could be increased; stock approx. £8-900. Further particulars on application. (176)

2.—**DURHAM CO.**—Chemist Business for immediate disposal; lease can be arranged at £30 p.a. rent; takings £17; Kodak and Ucal Agencies; good living accommodation. (174)

3.—**ESSEX**.—Two Chemists' Shops for immediate disposal; premises held on lease at rental of £62 and £52 respectively; returns average £1,189 and £792 per annum; price asked £1,000 all at. Full particulars on application. (187)

4.—**HULL**.—Dispensing and Family Chemist Business in busy thoroughfare (which will shortly become a main road owing to alterations); rent £26 on a yearly tenancy, which can be secured; returns £900 p.a.; lock-up shop; good prospects for a young qualified man. Further particulars on application. (170)

5.—**LONDON, E.**—Old-established Retail and Dispensing Business; returns £3,600 p.a.; good living accommodation; freehold for sale, or would consider granting a lease; strongly recommended. Further particulars on application. (188)

6.—**LONDON, N.**—Established Chemist's Business; premises, which include convenient living accommodation, held on lease, 15 years to run; rental £50 p.a.; stock approx. £285; price asked £550, all at. Further particulars on application. (180)

7.—**LONDON, N.W.**—Retail Dispensing Business on 13 years' lease at £52 per annum inclusive; returns £1,000 p.a.; excellent opportunity for young qualified man. Further particulars on application. (183)

8.—**LONDON, S.E.**—Old-established Dispensing and Family Business; in good position; returns average £30 per week; well-fitted shop; good scope for young and energetic chemist; price, all at £550. Full particulars on application. (184)

9.—**LONDON, S.E.**—Well-situated Drug Stores; premises held on lease, with 17 years to run, at rental of £68 per annum; let off £91; returns average £25 to £30 per week; good opening for N.H.I.; growing district; fullest particulars on application. (185)

10.—**MANCHESTER (District)**.—Old-established Dispensing Chemist Business in good-class suburb on a yearly tenancy at £120 p.a.; let off £117; returns average £27 per week, all cash; excellent opportunity, as quick sale is desired; good reasons. (172)

11.—**SHEFFIELD (Suburb)**.—Chemist's Business; recently established; rent 14s. weekly; rates 7s. 6d.; returns approximately £780; could be considerably increased; offers invited. Further particulars on application. (189)

12.—**SOMERSET**.—Drug and Photographic Business; premises, which consist of lock-up shop with room at rear, held on lease with 8 years to run at a rental of £88 p.a. inclusive; good scope for live man; price asked £400. (178)

13.—**SOUTHEND-ON-SEA**.—For immediate disposal, Chemist's Business, in busy centre; premises consist of lock-up shop, with Dispensing and storage room; rent £200 per annum, progressive; returns average £1,500, could be increased. Full particulars on application. (175)

14.—**STAFFS**.—Established Chemist's Business; situated on main road; unopposed in Photo and Optics; returns £24 p.w., scope for increase; lease can be arranged; rent £65 p.a.; price asked, lease and goodwill, £150, fixtures and fittings £150, and stock approx. £450. Full particulars on application. (179)

15.—**HAMPSHIRE**.—Family Dispensing and Retail Business for immediate disposal; premises held on lease 14-21 years at a rental of £90 per annum, including excellent living accommodation, garage, good garden; old-established business; shop beautifully fitted; returns £1,900; price for quick sale, £1,500; further particulars on application. (190)

Stocktaking and Valuation of Businesses undertaken at moderate inclusive fee. Chemists are invited to consult us in respect of their requirements in connection with sale or purchase of businesses. Chemists in the North are requested to communicate with our Liverpool Offices.

ERNEST J. GEORGE

CHEMISTS' VALUER

Invites enquiries relative to the following, which have been carefully investigated.

Valuations for Sale, Purchase, Income Tax, or Probate. If requiring to sell or buy, write in confidence.

43.—**LONDON, S.W.**—Good-class Family and Dispensing Business, with splendid opportunity for Optics; long lease; turnover £1,700; increasing; price £1,000.

42.—**LONDON, S.W.**—Unopposed position, drawing upon big district, and doing £1,200; owner retiring; young pharmacist could easily increase; Kodak, N.H.I., and Prescribing. Full particulars on application.

41.—**BLACKPOOL**.—Increasing Business, doing about £42 weekly and showing net profit of £450; good photo turnover; stock and fittings about £750 (valuation accepted) and reasonable goodwill; offers invited.

40.—**DURHAM**.—Small Business; has done over £50 weekly, but declined owing to death of proprietor; splendid scope; stock and fittings at valuation and reasonable goodwill.

39.—**LONDON, N.W.**—£350 secures Drug Stores doing £790 per annum; splendid opportunity for pharmacist beginner introducing Dispensing and N.H.I.; write or 'phone early for full particulars.

38.—**LONDON, W.**—Good Family and Dispensing Business; lease 11½ years; turnover £2,500; stock £650; fixtures £250; price £1,400.

37.—**LONDON, S.E.**—Unopposed position, with good house; 12 years' lease; rent £52 p.a.; present turnover £1,430; capable of increase; Kodak and Ucal Agencies; splendid opening for Optics; price £850.

36.—**LONDON, E.**—Main road position; long lease; rent £120 p.a., with small living accommodation; present turnover (average) £1,560 p.a.; N.H.I., Kodak Agency; price £400; stock at valuation.

31.—**LONDON, W.**—Good opportunity for energetic man in middle-class Business, doing £1,410 p.a.; gross 40%; long lease; accountant's figures available; price £1,050.

29.—**ESSEX COAST**.—Owner retiring; established 25 years; Family and Dispensing, with Photo; no opposition; present turnover £1,100; good opportunity for "live" pharmacist; price £700.

28.—**SUSSEX COAST**.—High-class Pharmacy, fully stocked; Library, 200 books; lady assistant; new fittings; 20 years' lease; rent £96; rates £30 p.a.; average £35 p.w. (only opened 9 months); excellent prospects; N.H.I. 300 per month; house attached, electric all through, 5 rooms, bathroom (h. & c.); price £2,000.

25.—**LONDON, W.**—Excellent opportunity for unqualified man to acquire unopposed Business doing £700 (with Kodak Agency); price £275.

23.—**LONDON, S.W.**—Old-established Family and Dispensing Business, with Photo and Optics, also N.H.I.; well-fitted and stocked Pharmacy; good house, garden, side entrance, etc.; price £1,200 (optical stock and equipment extra, and optional).

11.—**LONDON, N.W.**—Family and Dispensing, N.H.I., Photo; turnover £1,200; rent £140; sub-lets £103; price £450 (stock and fixtures at valuation).

6.—**LONDON, E.**—Unopposed position; population 14,000; N.H.I., Kodak Agency, also big Prescribing; capable of considerable increase; turnover £1,517; profit £203; rent £65 per annum; sub-let £52 10s. per annum; price £875.

STOCKS, ETC., VALUED FOR ALL PURPOSES

7 Southampton Row, London, W.C.1

Telephone: Holborn 8158.

3 St. Paul's Close, Walsall.

Telephone: 774 and 1000.

BERDOE & FISH

CHEMISTS' VALUERS AND TRANSFER AGENTS,

41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations.)

- 1.—SOUTH OF ENGLAND.—Good-class Retail and Dispensing Business, in delightful residential town; returns about £2,800; attractive modern pharmacy and house; every convenience; only applicants with £2,000 entertained.
- 2.—DORSET COAST.—Profitable Drug Store and Tobacconist's Business, in prominent position; returns £2,150, besides valuable appointment; net profit £535; audited books; smart shop, well stocked, living accommodation over; price £1,500.
- 3.—YORKSHIRE COAST.—Light Retail Dispensing and Photographic, in popular resort; returns £2,350; excellent stock; good house and pharmacy; price £1,850.
- 4.—SOUTH COAST.—Good-class Business, with branch; easily worked; returns £4,400; living accommodation at branch; price £5,500, or valuation terms arranged.
- 5.—WEST MIDLANDS.—High-class Retail, with Kodak Agency, in best position of market town; returns over £5,000; audited books; good profits; large house attached; long lease; price about £2,200.
- 6.—ESSEX COAST.—Light Family Retail; same hands many years; retiring; returns about £1,500; net profit £400; no Photo or other side lines; plenty of scope; good house and garden; price, with freehold, £2,000.
- 7.—NORFOLK.—Old-established Mixed Country Retail; unopposed; returns £1,160; books properly kept; large house, garage, and splendid garden; well stocked; price £900 or offer.
- 8.—SURREY (15 miles out).—Good-class Family Retail and Dispensing Business, in excellent position; returns £35 to £40 weekly; long lease; well stocked; price £1,700.
- 9.—SOUTH KENSINGTON.—High-class Retail and Dispensing, showing steady increase; returns approach £4,000; spacious pharmacy, handsomely fitted and fully stocked; price £3,150.
- 10.—LONDON, S.W. (Busy Main Road).—Light Cash Retail, with Kodak Agency and N.H.I.; returns last year over £2,000; large house and pharmacy; same hands many years, retiring; price for early sale £1,300.
- 11.—LONDON, E.—Cash Retail, Prescribing, with Kodak Agency; returns about £1,200 under manager; good profits; smart pharmacy; good stock; price £600, or first reasonable offer.

Etab. 1870.

Telephone: Terminus 3574.

CHARLES C. MARSDEN

Valuer, Transfer Agent and Stocktaker,
44 SHOLEBROKE VIEW, LEEDS.

STOCKTAKING VALUATIONS AT SPECIAL REDUCED TERMS

Chemist's own stock sheets priced out at low rates.

Recommended and approved by Messrs. Goodall, Backhouse & Co., Hirst Brooke & Hirst, Ltd., & Raimes & Co.

SHOWROOM TO LET—KINGSWAY, W.C.2

£105 per annum inclusive; alternatively advertisers who own adjoining offices and are well known to all Wholesale and Retail Chemists, will give facilities for their address to be used as "London Office," provide space for showcases, deal with all enquiries, for an inclusive charge of £52 per annum. Write 146-174 office of this paper, or 'phone Holborn 3221.

AGENCIES.

SCOTLAND.—Manufacturer's Agent, qualified Chemist, of wide commercial experience, is open to consider representation and marketing throughout Scotland of goods pertaining to Chemists and institutions; only products of merit considered; ground covered by car; storage provided if necessary. 224/37, Office of this Paper.

MEDICAL Interviewer, 20 years' experience, well versed therapeutics, smart man, smart car, handling patented hygienic appliance, can undertake another specialty, and sell to chemists; or would consider working up business for a Southern firm with small connection in North. "M. I." c/o Willans' Medical Specialties, 10 Royal Exchange Buildings, Newcastle-on-Tyne.

WANTED, a few more Seaside Chemists—solus position accorded—to push 1s. 3d. authenticated Pocket Nasal Catarrh Specific, Summer Colds and Hay Fever, showing 40% profit; ready sales and repeats. Barnard's "Mascot" Inhalant, 80 Manor Street, Clapham, S.W.4.

BUSINESSES FOR DISPOSAL.

BLACKPOOL DISTRICT.—Mixed Retail and Photographic Business; Library; established 6 years; turnover £1,300, increasing; no opposition; district being rapidly developed; good living accommodation. Apply H. J. Wade & Co., Ltd., Manufacturing Chemists, Blackburn.

COVENTRY.—Branch Business, old-established, Wine Licence, Kodak; lock-up shop; rent £52 per year; returns £1,200 per year; price £200 and value of stock and fixtures. Jos. Robinson, 22 Cross Cheaping, Coventry.

DEVON, South, in a picturesque district, old-established Business; entirely unopposed; Kodak, Ucal Agencies; returns last year £1,959; exceptionally low rent and rates; good living accommodation; garden, large garage, stores; price £600; stock at valuation, in all about £1,000. Apply 223/40, Office of this Paper.

EAST KENT.—Branch Business; middle- and working-class trade; Kodak Agency; excellent scope for increase under proprietor's sole supervision; returns £900; vendor's property; lease granted on favourable terms; price £550; a genuine bargain. "Lithia," 225/11, Office of this Paper.

LEEDS.—£200, Drug Store, main road, working-class district; electric light; small house, newly decorated; returns small, but plenty of scope for increase; rent 68s. monthly. Also Drug Store, main road, similar to above; rent £30 per annum; lease granted; turnover £10 weekly; scope for increase; price £400, or near offer. Marsden, 44 Sholebroke View, Leeds.

LIVERPOOL.—Small Business; penny fare pier head; densely populated neighbourhood; nearest chemist three doctors; small rent; well stocked; owner wishes open bigger business; £275; unrivalled opportunity for young man to start business. 145/165, Office of this Paper.

LONDON, N.W.—Lock-up Drug Stores; returns about £900 annually; increasing trade; rent 22s. weekly inclusive; splendid opening for qualified man and N.H.I.; no near opposition; price £325, including stock and fixtures £200. P.C.B. 23/35, Office of this Paper.

MANCHESTER.—High-class Dispensing and Retail Business with premises for Sale in good suburban district on busy main road; good mahogany fittings and well stocked; excellent living accommodation; takings average over £1,000 per annum; scope for increase; price of property £1,400; business £750. 224/1, Office of this Paper.

MANCHESTER, SOUTH.—Main road, old-established Retail and Dispensing Business for sale; Kodak and N.H.I.; rent £50; living accommodation; sub-let £34; £350, or nearest offer. 225/4, Office of this Paper.

PEMBROKESHIRE HEALTH RESORT.—Flourishing unopposed mixed country Retail Business, with freehold property; rare opportunity to acquire sound living in delightful surroundings. Full particulars. Bankers' references. 145/165, Office of this Paper.

SOUTH COAST.—For Sale, recently-established Business (six months) in improving position on main road; present turnover £15 weekly; value of stock and fittings £500; double-fronted roomy shop and good living accommodation; 14 years' lease; offers invited; owner going abroad. Write 223/38, Office of this Paper.

SOUTH KENSINGTON.—Old-established, profitable Business of highest class; steadily increasing turnover; returns last year approaching £4,000; over £2,000 last six months; Wine licence, Kodak and Arden Agencies; new lease; price £3,150, including excellent stock and fittings; business can be taken over as private limited company if desired; reason for sale, dissolution of partnership. 211/36, Office of this Paper.

WEST RIDING, YORKSHIRE.—Unopposed Branch Shop for Sale in well-populated district; excellent opportunity for live man; Kodak Agency and good scope for wine licence; electric light and mahogany cases; good reasons for disposal; takings under owner £1,850, present under manager £1,250, yearly; rates £8 4s. 9d. per year; stock and fixtures at valuation; approximate total price £750; with or without freehold property. Apply 223/33, Office of this Paper.

WEST RIDING.—For sale, recently established Business; main road; no near opposition; up-to-date fittings; Panel 150 per month; weekly takings £18; Photography wants introducing; would suit lady or gentleman (for self); could live over shop if necessary; full particulars to bona-fide applicants only; good lease; genuine reason for disposing of this business; price £475. Write 226/24, Office of this Paper.

BUSINESS for sale in large town South Wales; unlimited scope for an energetic man; good position, with a very fine house attached; long lease; turnover £1,800; terms may be arranged. 225/8, Office of this Paper.

FOR Sale, profitable Business in growing neighbourhood; good house with side entrance; low rent; main road position; near the sea; returns, which are increasing, about £1,800; for quick sale, £1,000, or near offer. 146/185, Office of this Paper.

FOR Sale, Photographic Chemist's Business in beautiful South Coast town; pleasing position; fitted throughout in oak; good and saleable stock, value about £1,500; interview could be arranged to suit purchaser. 224/180, Office of this Paper.

FOR immediate disposal, Chemist's Business; good Counter and N.H.I.; no agents; price to meet genuine buyer. "G. B.," 13 Grosvenor Road, Whalley Range, Manchester.

FOR immediate disposal, Chemist's Business, with Post Office, in South London; turnover, under manager, averages £134 per month this year; owner would greatly increase; remuneration from Post Office £400 yearly; nicely-fitted shop (light oak); good clean stock; 21 years' lease; house and bathroom; quick sale required; first offer of £1,550 will be accepted. Apply 146/190, Office of this Paper.

GOOD opening for young qualified man; Chemist's Branch, main road, Lancashire town, at present Drug Stores; scope for N.H.I., Photographic and Optics; 10 years' lease; electric light throughout; splendidly fitted and compact; price £200. Address, "Chemist," 80 Acomb Street South, Whitworth Park, Manchester.

OPPORTUNITY for progressive Chemist in flourishing South Coast resort; charming oak fitted spacious Pharmacy, pleasantly situated main tram route; Kodak Agency; easily worked; rent £200; rates £20 per annum; stock and fittings £1,500; bargain. Apply 224/18, Office of this Paper.

SMALL Chemist's Business in main road position in a growing residential district, 15 miles north of London; a lease of 13 years unexpired at £50 per annum; stock, fittings, goodwill all at £875 (or near offer); only one competitor. 146/187, Office of this Paper.

LEGAL NOTICE.

NOTICE.

THE Business of Chemist and Druggist carried on by the late Thomas Scott, near the Cross, Motherwell, having been sold at 5th inst., all parties having Claims against the Business are requested to send their detailed claims at once, and all parties owing Accounts to the Business are requested to pay the same to the Subscriber.

WILLIAM MILLER,
Solicitor, Motherwell,
Agent for deceased's Trustees.

PREMISES TO LET.

BRIXTON ROAD.—Shops about 17 ft. by 50 ft., each with upper part of 4 rooms, kitchen and bath; rear entrance; lease 21 years; rent £300 per annum; no premium. Apply Messrs. Hillier, Parker, May & Rowden, 27 Maddox Street, W.1.

SEAFORD (nearly forty Colleges and Schools and no Multiple Chemists).—Exceptional opening for Retail Chemist in principal shopping part of this important and developing town; position negligible; artistic double-fronted shop; large house; good garden; stores; rent £120; lease 12 years and all fittings, £475. Albert Prior, 23 Ship Street, Brighton.

SHOPS with Flat over to Let on lease in excellent position at Bromley; suit Chemist. Apply Baxter, Payne & Lepper, opposite G.P.O., Bromley, Kent.

BUSINESSES WANTED.

CHEMIST, with cash waiting and free to negotiate immediately, is anxious to get in touch with a sound business; in reply no details asked for in first instance; can interview at once and supply bankers' references; London or near preferred. "Statim," 226/21, Office of this Paper.

APPRENTICE WANTED.

CITY Pharmacy has vacancy for gentlemanly youth as Apprentice; good training; time for study. "Pharmakon," P.C.B. 23/38, Office of this Paper.

PREMISES FOR SALE.

FOR Sale or Let, fine opportunity for Wholesale Chemist, Sundriesman, etc., three-storey, well-built brick building; electric light, office, lift to all floors; fitted up ready for occupation; near Docks and Station. Apply Waller & King, Auctioneers, etc., Southampton.

OPPOSITE TUBE STATION.—Chemist's opportunity to establish remunerative business on high-class promenade at Edgware, opposite Tube Station, centre of large and rapidly growing residential district; first 16 shops all disposed of (including four to handsome drapery establishment); additional shops now being completed; wonderful chance for progressive man; ultimately this important promenade will comprise about 40 shops (cinema site in addition); principal market centre; good, deep shops, two floors over, for sale freehold, or would be Let on lease to approved trader. Call or write Sole Agent, Leslie Raymond, Chartered Surveyor, 24/25 The Mall, Edgware, Edgware 0115.

PORTSMOUTH (main road).—Spacious Shop, with good living accommodation; splendid condition and ready for occupation; would suit Chemist and Druggist Business; price £935, freehold. For further particulars and appointment to view write Briggs, 8 Elphinstone Road, Southsea, Hants.

SITUATIONS OPEN.

RETAIL [HOME.]

BRIGHTON.—A competent, qualified male Assistant; outdoors; age over 26; work mainly Dispensing, with some Counter attendance. Please give full particulars in first letter, stating salary required, age, height, and enclose photo if possible. 225/4, Office of this Paper.

ESSEX.—Qualified Manager required for a middle-class Family and Dispensing business; good opportunity for a man with initiative and able to increase turnover. 224/205, Office of this Paper.

LEICESTERSHIRE.—Applications are desired for the post of Manager for a good-class city business; opportunity here for a man who is keen and up to date, and the successful applicant will be given every assistance in making a real success of his business; no house attached. 224/204, Office of this Paper.

LEICESTERSHIRE.—Smart, unqualified Assistant required, with first-class Counter and Window-dressing experience; must be a keen and tactful Salesman. Give full particulars, etc. 224/200, Office of this Paper.

LLANDUDNO.—Lady Assistant required soon, with Dispensing, Counter and Photographic experience; must be pharmacy trained. State full particulars, with salary required (outdoors), and photograph, to Miss Hornihlow, 4 Queen's Buildings, Llandudno.

LONDON, S.W..—Qualified Manager (30-35) required for a good-class business (no house), consisting mainly of Counter trade. Give full particulars. 224/20, Office of this Paper.

LONDON, S.W..—Unqualified male Assistant required, April 29; must be good at Counter and Dispensing, and have knowledge of Photography. Apply Wilkie, Hildreth Street, Balham.

LONDON, W..—Experienced and reliable qualified Assistant (male) required immediately, age about 35; permanency. Give full particulars of previous experience and salary required to Inman, c/o J. F. Harrington, 15 Kensington High Street, W.8.

LONDON, N..—Wanted, male Junior Assistant; outdoors; Dispensing, Retail and good knowledge of Photography. Give particulars of age, experience, and salary required. If photo is submitted it will be returned. Apply 146/192, Office of this Paper.

LONDON, W.2..—Immediately, Junior, unqualified, for high-class Dispensing business; must have had recent experience in good-class London pharmacy. State salary, etc. 146/136, Office of this Paper.

LONDON, N.W..—Wanted, immediately, Junior Assistant, used to quick Counter trade and N.H.I. Apply, giving full particulars of previous experience, references, age, height, photo (if possible) and salary required, 226/18, Office of this Paper.

LONDON (S.W. Suburb).—Assistant, for usual routine; must be a reliable Dispenser, for permanent position; part-time might be arranged with view to same. Please give details as to experience, age, references and salary required to 226/1, Office of this Paper.

MANCHESTER DISTRICT.—Managing Assistant; need not be qualified, but with energy and enthusiasm to develop business in thickly-populated area; salary and commission on increased turnover; comfortable berth for progressive man. Full particulars in first letter. 225/20, Office of this Paper.

ST. GEORGE'S HOSPITAL, S.W.1.—Required, qualified Locum (male) for 17 weeks commencing May 27; salary £4 per week; hours 9 a.m. to 5 p.m. Apply to the Chief Pharmacist.

ST. MARY'S HOSPITAL, W.2.—Medical Dispensing. Wanted, an Assistant Dispenser (male), not over 30; Minor qualification essential; salary £200 per annum, with luncheon and tea; hours 9 to 5; late duty, Sunday duties every fifth week. Applications, stating age and experience and accompanied by not more than three testimonials, to be sent to the Dispenser.

SALFORD.—**PHARMACIST** (male) required as Assistant; capable of taking charge when necessary; permanency. State age, salary required, previous experience, and when at liberty. Improver also wanted. Give particulars. 224/35, Office of this Paper.

SOUTH COAST.—Junior, with good experience, required to assist in a business on the South Coast; must have had experience on the Toilet and Photographic side, and be an experienced Counterman. Please state age, experience, etc., to 224/207, Office of this Paper.

SOUTH KENSINGTON.—Qualified male Assistant required. Please give details as to age, height, experience, and salary required. Applications not answered in a week respectfully declined. 224/17, Office of this Paper.

SOUTHPORT.—Young unqualified lady or gentleman for high-class business; good Salesman; salary required; photo. Applications not answered in 7 days respectfully declined. Rushon, Chemist-Optician, 13 London Street.

SOUTHSEA.—A capable Assistant required; qualification not essential. State experience, age, and salary required, to Arnold & Sons, Chemists, 2 King's Road.

UXBRIDGE.—Competent Junior Assistant required for Counter and Dispensing. State experience, salary, and give references; enclose photo (will be returned). Brice & Son, 172 High Street, Uxbridge.

YORK.—John Saville & Sons require, for May 6th, capable Assistant; lady or gentleman; good-class Family business; qualification not essential; quick and accurate Dispenser; accustomed to Counter. Salary required, references, photo if possible, first letter. 4 Goodramgate, York.

A CAPABLE, qualified Manager required for a busy business in market town, Cambridgeshire; applicants must have a thorough knowledge of the Agricultural side of the business, and be smart business men. State age, salary required, previous experience, and when at liberty. 224/202, Office of this Paper.

A QUALIFIED Assistant wanted; young; a quick and accurate Dispenser. State full particulars, experience, and salary, etc., to A. Lloyd Davies, Chemist, Woking.

ASSISTANT required, country pharmacy; gentleman (unqualified) or lady, latter with H.A. Certificate preferred. Apply, stating age, height, experience, salary required (outdoors), to 224/14, Office of this Paper.

ASSISTANT, young, recently qualified, required for good middle-class business and Insurance Dispensing; London, West, district; knowledge of Photographic Sales essential. Apply personally or write, stating fullest particulars, to Richard Hughes, M.P.S., 606 Harrow Road, Paddington, W.10.

BOOTS THE CHEMISTS have several vacancies in London and suburbs for unqualified lady Assistants who have been apprenticed and thoroughly trained in the Retail; must be competent Dispensers. Apply, in writing, Boots Pure Drug Co., Ltd., Station Street, Nottingham.

BRANCH MANAGER.—Messrs. Holman, Ham & Co., Ltd., have a vacancy for a qualified Chemist to manage a good-class Dispensing business in the West of England; married man preferred; comfortable and convenient house attached. Apply (full particulars), Arnold, 1 Old Tiverton Road, Exeter. Also an Assistant (qualified) for relief work for three or four months.

JUNIOR Assistant required immediately for brisk Counter and Dispensing business; male; full particulars first letter. Applications not answered in three days declined with thanks. Applicants may be qualified or unqualified. Morgan, Chemist, 98 Bromham Road, Bedford.

JUNIOR required in North-West London; preference given to one who is a good Dispenser and is used to a quick Counter trade. State particulars of experience, age and salary required. 224/206, Office of this Paper.

JUNIOR Assistant or Improver wanted for branch; quick cash trade, N.H.I. and Photography; permanency. Please give full particulars of experience, age, height, salary, and enclose photo if possible. Vernon Thompson, Chemist, Sparkbrook, Birmingham.

JUNIOR Assistant wanted at once; lady or gent.; Counter and N.H.I. Dispensing. Give full particulars, including salary required, to Gaskell, 379 St. John Street, E.C.1.

LADY Dispenser or Assistant (Minor qualification) for one week in June. State age, references, when disengaged, and salary required, to H. Barnett, Chemist, Hythe, Kent.

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146/182, Office of this Paper.

LADY Assistant, unqualified, with Dispensing and Counter experience. Apply, giving usual particulars, age, salary, etc., A. J. Orme, 68 Portland Road, Hove.

LADY, qualified, with Retail experience; capable of taking charge small suburban branch; state salary, experience and when at liberty. Wilkins, 359 Birchfield Road, Perry Bar.

PART-TIME Assistant wanted for 3 evenings from 7 till 10 and alternate Sundays for 4 hours in good-class West-End Pharmacy. Apply G. H. Pierson, 94 Queen's Road, Bayswater, W.2.

QUALIFIED Relief Manager required for the summer months; duties will extend to the end of September; this position offers good scope for a young man recently qualified, who is desirous of gaining extensive experience in all classes of the trade. Please state when at liberty, and all particulars regarding age, salary required, etc., to 224/203, Office of this Paper.

QUALIFIED Manager required for a high-class business situate in the West-End, with a fair amount of N.H.I. Dispensing; applicants must be up to date and experienced, and be able to cater for a large variety of passing trade. Please give all details of experience, etc., salary required, and when at liberty. 224/201, Office of this Paper.

QUALIFIED Manager wanted for branch in Midland industrial town, doing mixed business, including Seeds; moderate salary plus share of profits. State age, height, experience, references, salary required, when disengaged, photo if possible (returnable) to 223/16, Office of this Paper.

QUALIFIED man shortly for branch; single-banded; good Counterman and accurate Dispenser; a permanency for energetic man. Please state full particulars, with photo if possible. Lester, Chemist, St. Dunstan's, Canterbury.

QUALIFIED Chemist wanted for London; small branch; middle-class, with N.H.I. and Photography. Please state age and wages expected to 226/7, Office of this Paper.

REQUIRED, first-class Assistant, between 20 and 30; must have knowledge of Photography and N.H.I. Dispensing; liberal hours and good wages to right man. Apply or write to J. Liff, Chemist, 197 Whitechapel Road, E.1.

SURGICAL INSTRUMENT BUSINESS.—Assistant for shop in Lancashire; must know his work. Address, stating duties accustomed to, age, and idea of wages expected; reliable references required. Reply 224/11, Office of this Paper.

UNQUALIFIED male Junior Assistant required; mainly for Counter work, with knowledge of Photo sales. References, salary required and photo, to Atkins & Son, Pharmacists, Salisbury.

WANTED, qualified Chemist and Optician to manage old-established Dispensing business; must have had good Dispensing experience. Apply, stating age, height, experience and qualifications, and salary required, to E. E. Russell, M.P.S., "Garthowen," The Broadway, Letchworth.

WANTED, East London, smart, young, unqualified Assistant for Counter; good Window-dresser and Photographic knowledge. Apply Maby & Co., Ltd., 1 King David Lane, E.1.

WANTED, London, E., energetic, qualified Assistant, used to N.H.I. and knowledge Photography. State wages, experience, etc. Apply 49 Harford Street, E.1.

WANTED, qualified Junior Assistant (young) for Light Retail and Dispensing business; all particulars. W. Coutts-Evans, Chemist, West Ealing, W.13.

WANTED, for about six months, Manager for old-established Retail and Dispensing business; busy N.H.I. and little Photography, in Manchester; age 30 to 40. Apply, giving full particulars in first letter, 226/23, Office of this Paper.

YOUNG qualified man for branch in thickly populated working-class district. Please give age, salary required, etc., and reply, by letter only, to "Chemist," 112 Great Barr Street, Birmingham.

YOUNG qualified Chemist (male) required. State age, salary required, etc., or personal interview. Wm. Fox & Sons, Ltd., 109, 111, 113 Bethnal Green Road, London, E.2. (Ten minutes' walk Liverpool Street Station.)

WHOLESALE.

PROGRESSIVE and well-known Manufacturing House, with old-established connection, require the services of a Representative, preferably young, for Notts, Lincoln, Norfolk, Suffolk, Northants, Beds., Cambridge and part Yorkshire. Applicants must be in a position to provide their own car, and should give full particulars of their past experience, age, and state whether they have any connection on the territory named. 146/185, Office of this Paper.

REPRESENTATIVE, with first-class connection amongst Departmental Stores, Retail Chemists and Hairdressers, wanted immediately for Midlands and Scotland for well-known line of high-class Cosmetics and Toilet Preparations; good salary and commission to right man. State age, experience, and sales records. 146/184, Office of this Paper.

REPRESENTATIVE required by Invalid Food Specialists to call on Doctors and Nursing Institutions; applications only considered from men with definite experience and connection. Full details of experience, qualifications, and remuneration required must accompany application. 146/181, Office of this Paper.

REPRESENTATIVE.—Young, active Salesman wanted to call on Chemists in the West of England and South Wales for old-established house specialising in Compressed Medicines, etc.; Retail experience essential. Applicants must state definitely in first letter experience, age, and remuneration required, also when available. 146/191, Office of this Paper.

REPRESENTATIVES, calling on Chemists, Hairdressers, Stores, etc., required to sell Packed Toilet Requisites and Perfumery; would suit as a side line on commission; preference to car owners, as samples bulky. 222/19, Office of this Paper.

REPRESENTATIVES required, all parts, with connection among Chemists, Hairdressers, etc., by progressive London house for a new fast-selling article in daily use; light, small samples; splendid side line; liberal commission. Full particulars to 221/21, Office of this Paper.

REPRESENTATIVES to call on Chemists, Hairdressers, Stores, etc., to sell new line, carded 3d. tins Solid Brillantine; splendid side line; good commission. Apply Rose Perfumery Co., 160 Woolwich Road, East Greenwich, S.E.10.

TRAVELLER wanted by leading Perfumery House for Manchester district and Northern Counties, with experience among Chemists in that district, able to drive car. Write, giving full particulars, to P.C.B. 23/32, Office of this Paper.

SITUATIONS WANTED.

RETAIL. [HOME.]

A.A.—AN experienced Chemist; diplomaed Optician, F.S.M.C., F.I.O., J.C.Q.O.; send wires, expressed letters; disengaged shortly. "Chemist," 12 Tenby Road, Ponders End, Middlesex.

A QUALIFIED Manager desires change; first-class experience all branches; would entertain Locum work; free June 1. "Chemist," 42 Pembury Road, Clapton, E.5.

A S Manager, qualified, 30, desires change; 7 years' London experience; excellent references; accommodation if possible, but not essential; free one month. "Scot," 224/16, Office of this Paper.

A S experienced; manage; Senior, Locum, or General Assistant; Drug Stores or live business. "G.," 130 Scott-Ellis Gardens, N.W.8.

A SSISTANT, 20, tall, seeks situation; South London preferred; good all-round experience; disengaged end of May. 224/19, Office of this Paper.

A SSISTANT Chemist, 5 years' experience, desires situation with view to purchase share in Partnership within 50 miles Manchester. 224/6, Office of this Paper.

A SSISTANT, unqualified, 21 (Part I), tall, with good experience, desires situation; Reading or district preferred. Healey, 57 Alexandra Road Reading.

A SSISTANT, referred Mat. Med., requires three months' temporary situation, Liverpool district; tall; experienced. Ascroft, 63 Island Road, Garston, Liverpool.

A SSISTANT; 33; married; 14 years' experience, good-class Retail, Dispensing, Photography; living accommodation preferred, but not essential; any district. Andrews, 101 Boundary Road, St. John's Wood, N.W.8.

A SSISTANT; high-class Dispensing, Photographic, Window-dressing; references; photo; time to study. Bailey, Lynmouth Villas, Cheltenham.

BOURNEMOUTH DISTRICT.—Qualified, 26, experienced, capable, good appearance, desires season or permanency. Lewis, 20 Metcalf Street, London, S.W.11.

CHEMISTS wish to recommend their late Apprentice; free May 1. Smith & Porter, The Royal Pharmacy, Buxton.

D. & P.—EXPERIENCED and capable worker requires situation until end September; Counter and Dispensing; Part I man; 24; excellent references; seaside preferred, not essential. L. Baker, 25 St. George's Terrace, Leeds.

DISENGAGED; experienced Manager; Locum or General Assistant; unqualified; middle-aged; good references. Taylor, 2 Allertree Road, Fulham, S.W.

DISENGAGED.—Unqualified requires Locum work. Apply Miss M. Townrow, 39 Bernard Avenue, Ealing, W.15.

DISENGAGED.—Locum or permanent; all-round experience. Watts, 16 Wilmington Avenue, Chiswick, W.4.

DISENGAGED.—Competent, all-round Assistant; active; obliging; middle-aged; unqualified; successful manager; permanency or Locum. "Chemist," 91 Duncombe Road, Holloway, N.19.

DISENGAGED.—Locum or permanency; qualified; experienced; would act Superintendent or part time. "Pharmacist," 67 Western Road, Ealing, W.

DISPENSER, young, requires Locum, May 10 until June 10. 146/189, Office of this Paper.

DISPENSER-BOOK-KEEPER; Hospital and Private Practice experience; excellent references; home and abroad. Stephen, 32 Dukes Road, Chiswick, W.4.

ELDERLY Chemist; N.H.I. Dispenser or Manager; disengaged. "Chemist," 41 Hampden Street, Bolton.

EXPERIENCED all-round Assistant; energetic worker; tall; 40; unqualified; permanency or locum; disengaged. "Statin," 23 Doughty Street, Holborn, W.C.1.

EVENING post, week-end, desired by Assistant; 24; excellent experience, Dispensing and Counter; after 7 o'clock. 226/15, Office of this Paper.

GENTLEMANLY, unqualified Assistant, middle-aged, requires a permanent situation; can be well recommended; thoroughly conversant with all departments of the trade. "Accurate," 215/12, Office of this Paper.

HOLIDAY Locum; able to take charge; 20 years' Counter and Dispensing; unqualified. Fall, 105 Tottenham Lane, Hornsey N.8.

IMPROVER, 19, just finished 4 years' apprenticeship, seeks situation; all-round experience, Counter, Photographics, Window-dressing, with knowledge of Dispensing. Apply A. Cramp, c/o 215 Lower Addiscombe Road, Croydon.

IMPROVER seeks position in or about London; ready to start at once. Apply to Rosser, 69 Rotherhithe New Road, London, S.E.16.

JUNIOR Assistant, unqualified, requires permanent or temporary position; good experience and references. Browning, Bungalow, The Ridge, Wollaston, Stourbridge.

JUNIOR, 21, three years' experience, Dispensing, Counter, Window-dressing, requires season's engagement; highest references. "Martin," Farnivall, Chemist, City Road, Cardiff.

LADY Dispenser (Hall), age 20, requires post with Doctor; Bedfordshire preferred; excellent references. "X. Y. Z.," 213/3, Office of this Paper.

LADY Dispenser, aged 20, qualified (Hall), desires post with Doctor, Chemist or Institution; excellent reference. Miss Molyneux, 54 Higher Drive, Purley, Surrey.

LADY Assistant; 28; Drugs, Toilet, Photography; 12 years' (London) experience; disengaged; London area preferred. "M. H.," 35 Miranda Road, Highgate, N.19.

LADY Dispenser (Hall qualification); Chemist, Hospital or Doctor; good experience; London or South Coast preferred. "P.," 2 King's Road, Southsea.

LOCUM, retired Chemist, booking dates or open for immediate engagement; good experience; excellent references. Thomas, Carr Side, Garstang.

LOCUM; experienced in all branches; qualified; active; excellent references; terms moderate; disengaged now. "S. C. I.," 54 Priory Road, West Hampstead, N.W.6. Phone: Hampstead 8212.

LOCUM or permanency; London and provincial experience; Dispensing, Counter, Windows, Prescribing; experienced; unregistered. "Aspirin," 11 Trigon Road, S.W.8.

LOCUM, qualified, experienced, booking for the season; excellent references; now disengaged. Wood, 33 Union Road, West Croydon, Surrey.

LOCUM; experienced; vacant April 20 to May 6, June 1 to 20 inclusive. "Chemicus," 56 Rudloe Road, Balham, S.W.12.

LOCUM or permanency; qualified; tall; gentlemanly; excellent references; reasonable terms; disengaged. "I. E. I.," 8 Victoria Road, Marlow-on-Thames.

LOCUM or part-time work wanted in London; services arranged by day, week or month; age 47; highest references; personal interview. Write "B. Y.," c/o 19 Albert Road, Alexandra Park, Wood Green, N.22.

LOCUM; qualified; middle-aged; active; abstainer; free to May 1st, and May 13th to July 8th. "Chemist," 415 High Road, Leytonstone, E.11.

LOCUM or permanency; qualified, M.P.S.; 31; as Manager or Assistant. "Chemist," Providence House, Cornwallis Terrace, Hastings.

LOCUM; unqualified; free until June 10; 25 years' all-round experience; good references. "Chemicus," 56 Norroy Road, Putney.

LOCUM—Chemist; long, first-class, all-round and recent experience; longer engagements than fortnight preferred; moderate terms for pleasant district and reasonable lodgings. Fitt, 36 St. Stephen's Road, Norwich.

MANAGER, unqualified, desires change; present business takings greatly increased; salary commission basis; keen buyer and profit maker. 224/15, Office of this Paper.

MANAGER, qualified, also F.S.M.C. (own apparatus), registered J.C.Q.O., height 6 ft., age 26, all-round experience, including N.H.I., Photography, Agricultural, etc., highest references, wishing to marry, requires progressive position with living accommodation. "Pharmacist," Gloucester Cottage, Gloucester Street, Sheffield.

MANAGER or Locum; experienced all sides of the business; permanency preferred. "Pharmacist," 2 Needl Crescent, Hendon, N.W.4.

MANAGER, Senior or Dispenser; qualified; Bournemouth or district near preferred; middle-aged; references. Thompson, 30 St. Mary's Terrace, Hastings.

MANAGER or Senior; qualified; 30; experienced; excellent references; free one month. 19 Earham Grove, Forest Gate, E.7.

MANAGER, 26, married, desires change; good organiser and business builder; City; good-class suburban, or country; Midlands; excellent references. 226/25, Office of this Paper.

M.P.S., 24, requires position as Locum or Manager; excellent experience in Window-dressing, Dispensing, Counter and Photography; highest references. 126 Goldhurst Terrace, N.W.6.

M.P.S. DESIRES post, permanency or Locum; extensive London experience; available immediately; London or coast. 32a Rupert Street, W.1.

M.P.S., 32, single, desires post as Manager or Senior; experienced; competent; South or West England preferred. 225/50, Office of this Paper.

PHARMACIST; 28; high-class experience; disengaged; London only; Locum or permanent. Littlejohns, 169 Holland Road, N.W.10.

QUALIFIED; 32; married; disengaged; Manager or Assistant; references. Griffiths, "Werfa," Henllan, Cards.

QUALIFIED; 29; married; 6 ft.; West-End Dispensing and Counter City; excellent references. 221/18, Office of this Paper.

QUALIFIED Assistant; 22; good Counter, Dispensing, Window and Photographic experience; Plymouth or district preferred. Norsworthy, 24 Bernice Terrace, Plymouth.

QUALIFIED, 27; as Manager or Assistant; good experience; Photography, Window-dressing, etc. Ellis, 80 Landmere Road, S.W.4.

QUALIFIED Locum, over twenty years' varied experience, mostly West-End; competent; reliable; now booking dates. "Pharmacist," 81 Camden Road, N.W.1.

QUALIFIED Locum; competent; reliable; total abstainer; a few more open dates. Jones, 57 Brown Road, Walthamstow, Essex.

QUALIFIED Chemist, 22, requires situation in high-class pharmacy; good-class Dispensing and Counter experience; good references. Weeks, 36 Grantham Road, Stockwell, S.W.9.

QUALIFIED Chemist; 47; abstainer; steady and reliable; experienced and well recommended. Apply 226/70, Office of this Paper.

SCOT, 23, unqualified, wishes post in City; excellent training and references. Hugh Anderson, Osborne Villas, London Road, Buxton, Derbyshire.

TAKING Part II July, 23, requires part-time situation; preferred South London; Dispensing and Counter; previous London residential experience. Holmes, 25 Eardley Road, Streatham.

TEMPORARY work required, Dispensing, Counter, Stock; Hall Certificate; whole or part time; free now. P.C.B. 23/6, Office of this Paper.

UNQUALIFIED Assistant wants position in Drug Store, Yorkshire district preferred, either Partnership or with view to purchase; has worked 9 years under qualified supervision, including 5 years in present position. Apply 222/1, Office of this Paper.

UNQUALIFIED Assistant desires comfortable berth, Light Retail, age just over 30, all-round experience, trustworthy, undeniable references, desires a change. Full particulars, please, first letter to T. Lloyd, 24 Bartlett Street, Caerphilly, Glam.

UNQUALIFIED, middle-aged, married, thoroughly experienced, lately Locum, open for engagements; state salary. "Radix," 65 Birrell Road, Nottingham.

UNQUALIFIED; 16 years' high-class experience; permanency in Brighton, Hove; disengaged May 13. Russell, 59 Barnett Road, Brighton.

WANTED, in one month's time, by qualified man, 38, post as Manager; London or near; thoroughly experienced. 211/2, Office of this Paper.

WANTED, by elderly licensed Apothecary (partly deaf), light work with modest remuneration. Address 221/19, Office of this Paper.

YOUNG lady, 17, recommended by Mr. Pfenninger, 177 Streatham Road, Mitcham, for Toilet Counter in good-class Pharmacy.

YOUNG lady Dispenser (Hall Certificate) requires post. S. Morrison, 20 Rutland Avenue, Sefton Park, Liverpool.

WHOLESALE.

COUNTER-HAND (female), experienced Wets, Dries, Extracts, Ointments, Ampoule Filling, Toilet Preparations, charge of Poison Room, etc.; excellent references; disengaged. "A. M.," 59 Rowsell Street, E.14.

EXPERIENCED Representative, capable, keen Salesman, successful propagandist, desires appointment with good house; Drugs, Sundries or Proprietaries; South Coast, Western Counties, or Midlands. 224/40, Office of this Paper.

EXPERIENCED, energetic, ambitious Salesman, perfect knowledge of Retail, desires outdoor position with progressive firm; positions held with first-class firms of exceptional standing; thoroughly reliable, possessing strong credentials and soundly recommended. Wm. A. H. Fry, 31 Howard Road, South Yardley, Birmingham.

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GENTLEMAN of good address, 10 years' Wholesale and Retail experience, known to Doctors and Chemists in Nottingham and district, desires to represent progressive house. 226/38, Office of this Paper.

GENTLEMAN, first-class Retail experience, with sound travelling instincts and ability to sell, desires to represent progressive house; expenses and commission basis. 226/22, Office of this Paper.

IRELAND.—Representative, first-class connection Wholesale and Retail Chemists, large Stores, etc., open for progressive house; salary and commission. 226/11, Office of this Paper.

KEEN Salesman, 25, 10 years' Retail experience, six in the West-End, desires to represent Wholesale House. 226/16, Office of this Paper.

MEDICAL PROPAGANDA.—Gentleman, with unusual connection among Doctors in London, suburbs, Home Counties, open for engagement, either whole time, or would consider representation of two non-competitive houses. P.C.B. 23/31, Office of this Paper.

PILL COATER, with some knowledge of Tablet and Pill Making; 26 years' experience. W. G. Draper, 38 Oakley Road, S.E.25.

REPRESENTATIVE; disengaged shortly; long experience; London and provinces; Specialist Medical Propaganda; salary and expenses; own car; good appearance, personality. P.C.B. 21/4, Office of this Paper.

REPRESENTATIVE, with own car, open to represent well-known Proprietary houses or other reputable firms; sound and extensive Chemists' connection Eastern and Home Counties; excellent credentials. 225/26, Office of this Paper.

TABLET and Compressed Pill Maker seeks post; reliable; competent; 25 years' experience; good knowledge of trade. "G. A.", 13 Linden Avenue, Thornton Heath.

TOILET Representative, 7 years' experience, London Stores, Chemists, Ladies' Hairdressers, desires whole-time appointment with progressive house; state terms. P.C.B. 23/36, Office of this Paper.

TRAVELLER, Wholesale and Retail Chemists in East Lancashire and Yorkshire, open for good side line. 224/12, Office of this Paper.

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WANTED, by Chemist and qualified Optician, position overseas, view Partnership or succession; healthy climate; capital £1,500; South African coast town or Rhodesia preferred. 225/19, Office of this Paper.

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30 LBS. Parraf. Dur., 5s.; 1 lb. Chloral Hydras, 4s.; 1 lb. Ac. Benz. Art, 2s. 6d.; 1 lb. Tr. Asafoet, 5s.; 3 lb. Tr. Chineta, 4s.; 1 lb. Stront. Brom., 5s. 6d.; 1 lb. Pepsin, 10s.; two perfect condition Day and Night Rubber Urinals, 7s. 6d. each; 1 lb. Lithia Cit. Pulv., 5s. 6d.; 2 lbs. K.I., 15s.; 16 oz. Quin. Sulph., 1s. 6d.; five No. 2 Compo Mortars, 1s. 3d. each; six No. 3 Compo Mortars, 1s. 6d. each (fair condition); 7 x 1 lb. Tins Hwds. Flor Camph., 3s. 1b.; 11 x 1 lb. Vet. Vaseline, 10d. each. Stevens, Chemist, 97 Borough High Street, London, S.E.

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CHEMISTS' FITTINGS.—Silent Salesman Cases, Drugfittings, Wallcases, Dispensing Screens, glass-front Counters, Perfume Cases, Window Enclosures, Glass Shelves, Mirrors, Counter Drawers. Before you decide send to GEORGE COOK, the well-known Chemists' Fitter, 27 Macclesfield Street, City Road, London, E.C.1.

FOR Sale, small Stokes' "Eureka" Tablet Machine, to compress about 100 tablets per minute, with 2 h.p. Electric Motor complete, in perfect condition. What offers? 146/188, Office of this Paper.

QUALITY SHOP FITTINGS.—12 ft. Pharmacy Fitting, 10 ft. glass cased Front Counter, 6 ft. Dispensing Screen, 6 ft. Wall Case, 6 ft. bent plate-glass Counter Case, Counter Drawers, Perfume Case and Desk, all mahogany, £100; splendid value. PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, London, E.C.1. "Pharmacy Fitters for over a Century."

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 219 Old Street, London, E.C.1.

£87 15s.—SET OF MAHOGANY FITTINGS.—10 ft. Drug Run, 30 drawers (glass knobs and labels), shelves, cupboards and lockers; 10 ft. glass-fronted Counter, nest of 13 drawers at back; 6 ft. Wallcase, 6 ft. Dispensing Screen, Perfume Case and Desk. Illustrations on request. E. BERG, LTD., 353 Old Street, London, E.C.1.

£95 FOR A COMPLETE SET of Pharmacy Fittings, ready for immediate use, 10 ft. mahogany Drug Fitting with showcase, drawers, cupboards, shelving, etc.; 6 ft. Wall Case in two heights; 6 ft. Dispensing Screen with showcase and bevelled mirror in centre; 10 ft. mahogany Serving Counter with cases in front; two nests of Counter Drawers; plate-glass Counter Case, Perfume Showcase and Desk, Check Till. PERCY R. E. JOSEPHS, 68 Old Street, 1/5 Tilney Court, London, E.C.1. Phone: Clerkenwell 0929.

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ONE OR TWO CARBOYS, pear shape; height overall about 2 ft. 6 in.; send sketch. Strood Pharmacy, Strood, Kent.

WANTED TO PURCHASE Specimens of small round Scotch Clan Tartan Lip Salve Boxes. P.C.B. 22/12, Office of this Paper.

SECOND-HAND case of Optical Trial Lenses and Accessories; medium size. Please state contents and price required. 223/15, Office of this Paper.

GOWER, Chemists' Bookseller, 41 Voltaire Road, Clapham, wants Pharmaceutical Books, including Pharmaceutical Formulas, B.P.C., P.J.F., Optical Books.

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